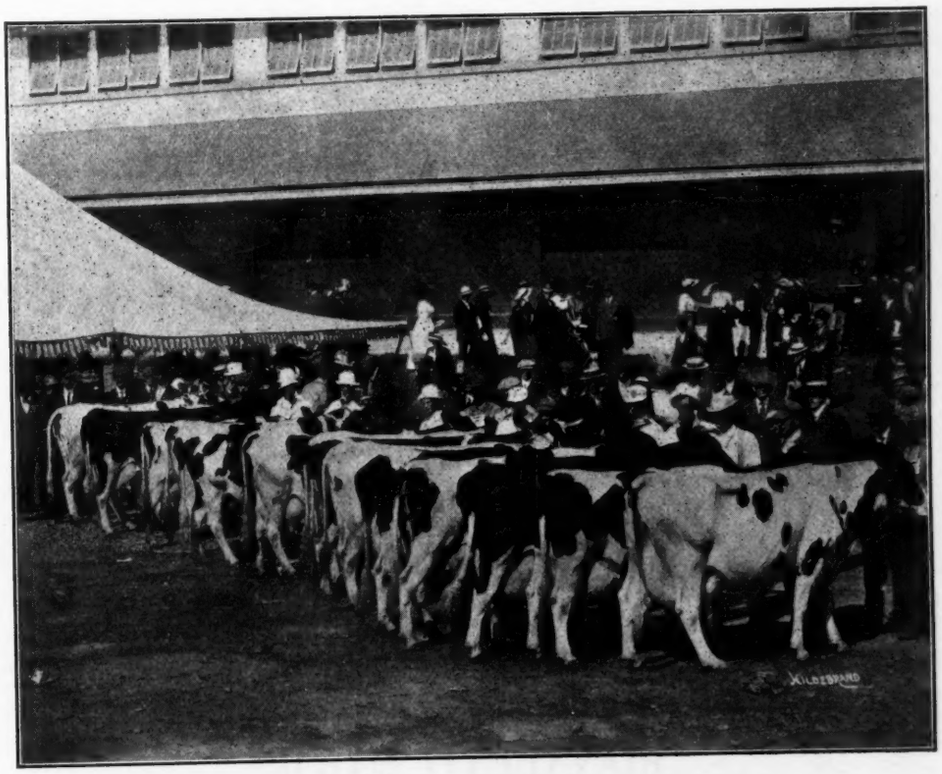
HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

VOL. XI LACONA, N. Y., JANUARY 31, 1914. NO. 3



Aged Cow Class, New York State Fair, 1913.

KING OF THE BLACK & WHITES

Large records are valuable only in so far as the animals making them are able to transmit their good qualities to their offspring.

The animals carrying the blood of Lillian Walker, Prilly and Clothilde Goudgeld Hugo have demonstrated their power of transmission to be unsurpassed.

Clothilde Goudgeld Hugo was the first sire to produce two 30-lb. daughters that have each produced a 30-lb. daughter and one of those daughters was bred to a grandson of Lillian Walker, producing a heifer which was then bred to a grandson of Prilly, which produced the only family of cows of 3 generations that have made over 31½ lbs. butter each in 7 days and average 126.68 lbs. for 30 days.

Combining the blood of Lillian Walker and Prilly has produced one of the 3 families of the breed that has 3 generations of 30-lb. cows and the only family that has five generations that average 28.75 lbs.

King of the Black & Whites carries the blood of all these animals, thus giving him the strongest transmitting blood of any bull of the breed.

He is also the only bull whose 7 nearest dams' records average 31.04 lbs., and six of those dams are 30-lb cows, averaging 32.24 lbs.

A FEW YOUNG BULLS FROM GREAT PRODUCING AND TRANSMITTING DAMS, FOR SALE.

A. A. HARTSHORN HOLSTEIN CO.
Hamilton, N. Y.

32.30		31.81
31.81	ADMIRAL WALKER PIETERTJE	31.23
31.63		30.45
35.22	KING QUALITY	31.39
31.39		30.50

Admiral Walker Pietertje with 3 30-lb. daughters and 3 31-lb. granddaughters is taking his place among the great sires of the breed.

King Quality's four nearest dams each have records greater than 30 lbs. of butter in seven days, making him one of the greatest bred young sires of the breed.

This combination of King Quality and the daughters of Admiral Walker Pietertje is producing a family of the very best breeding and individuality

King Quality is here to stay. We already have over 20 of his daughters. There will be many more as our herd numbers 200 head of Registered Holsteins, and all will be officially tested.

No females of this breeding are for sale , but we have for sale a few bulls ready for service. They have two sides to their pedigree and will make good. Write us about your needs in this line. We will be pleased to send charts and prices.

BONALEVO FARMS

R. E. CHAPIN & SON **Box C** **Batavia, N. Y.**

Holstein-Friesian World

VOL. XI LACONA, N. Y., JANUARY 31, 1914 No. 5

THE LAKESIDE STOCK FARM

By E. A. Powell

Mr. Editor:

Gladly will I comply with your request to furnish a few incidents in my career as a breeder, if by so doing I can edify, instruct or encourage any of my fellow breeders. At the present period no special encouragement or stimulus seems to be necessary for those whose interests are centered in the Holstein-Friesian breed. Sailing seems to be smooth for nearly all who start judiciously, with a superior class of animals, pursuing the business intelligently, enthusiastically, and are willing to work, to think, to persevere for the success, which, barring misfortune, is very sure to follow.

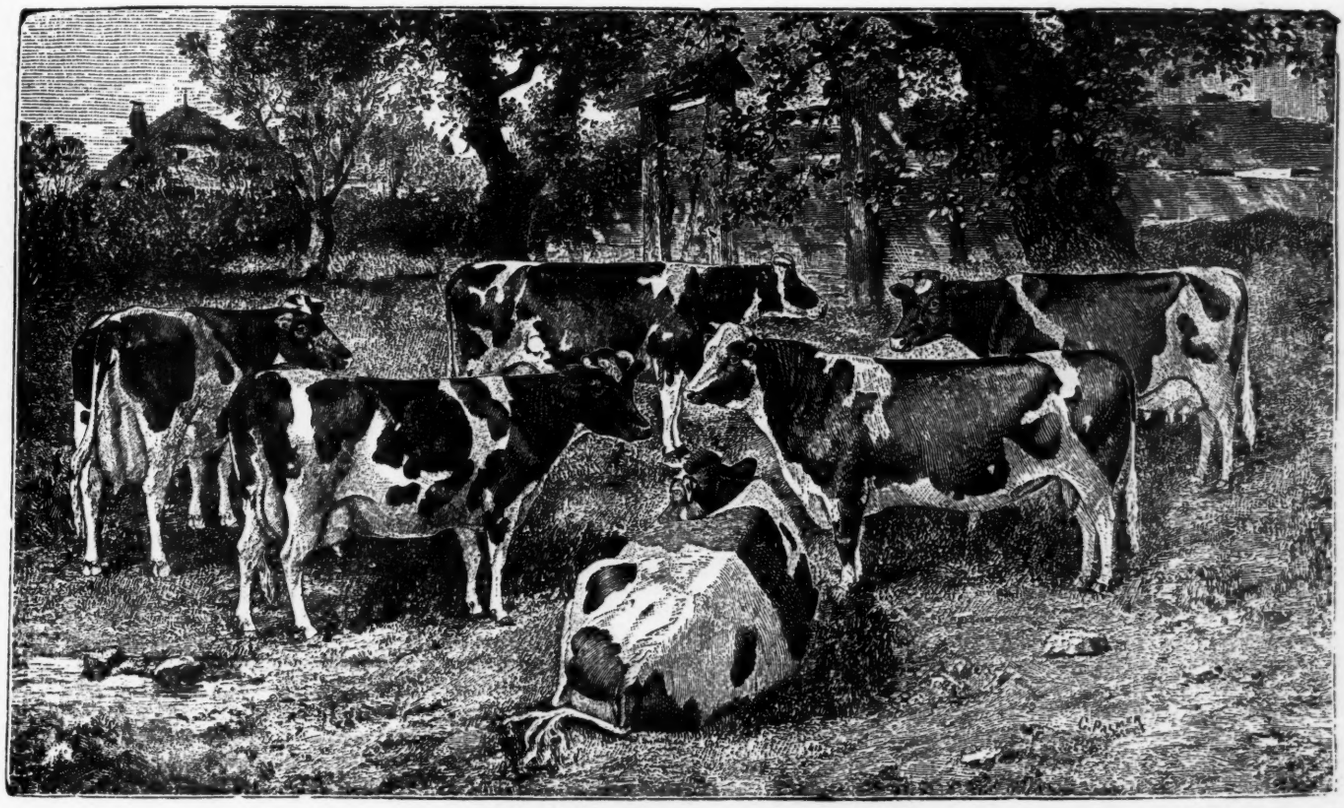
To me the breeding of live stock, with a view of improving from year to year, from generation to generation, has never become tiresome, dull or monotonous. I inherited a love for improved live stock. My earliest recollections recall the beautiful herd of Devons on my father's farm, the first herd of pure Devons in Northwestern Pennsylvania.

This herd and their descendants have been on the Shadeland estate for more than seventy years. I loved those cattle and took an active interest in their care from a small lad. At ten and twelve years, my brother, one and one half years my senior, and I were each given a small amount of money with instructions to go about the neighborhood, each by himself, and buy a pair of mated steer calves; to feed, care for, break and prepare for market at the proper age. The success of each was denoted at market age value.

In my early "teens" I was consulted as if a partner. About this time it was decided to add to the establishment the breeding of Shorthorns, and a little later Herefords, keeping the three breeds distinct and pure, excepting some experimental work in crossing, which, while successful in producing about what we anticipated, was not profitable.

Before reaching the age of seventeen years it fell to my lot to have full charge for a year, of a farm of about 350 acres, with a large herd of cattle, a large flock of sheep and many horses.

These beef breeds were unsuitable for a dairy country, but were in demand in the west, where they were satisfactorily disposed of. A few years later the Shadeland Stock farm, Powell Brothers, proprietors, was established, of which I was one of the founders. "Shadeland" later became noted over this and foreign countries



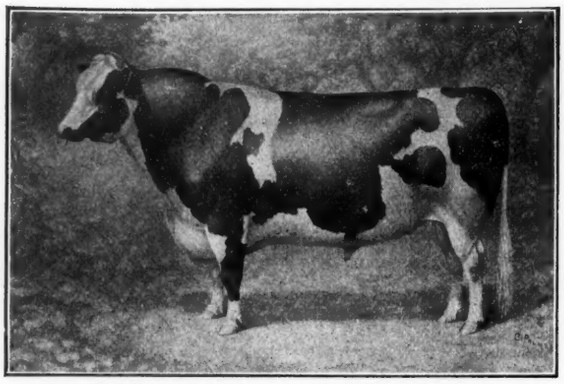
Group of the Netherland Family, as imported.

as one of the largest horse breeding and importing houses in America. The Shadeland herd of Holstein-Friesian cattle was at one time very famous.

In 1868, when the business there was at its infancy, disposing of my interest to my brothers, I removed to Syracuse and joined the late W. Brown Smith in the Nursery business, which had been established for many years and had grown to large proportions.

Seeing the desirability of converting the large amount of hay and grain on the Nursery land into manure, instead of selling on the market and buying fertilizer, it was decided to establish the Lakeside Stock Farm.

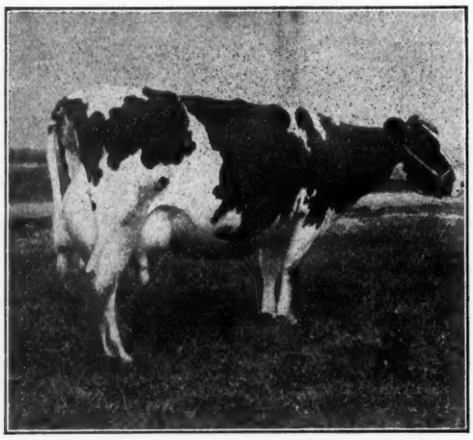
The first breed tried were Ayrshires, a hardy, easily kept, desirable breed, but with certain qualities which did not please the proprietors, and hence the whole herd was disposed of to one party. Next in order, in a small way, Jerseys were given a trial, but were soon disposed of. We next bought the entire herd of milking Shorthorns, bred with care by General Patrick of Manlius, when he was made Commander of the Soldiers' Home at Dayton. This breed was quite satisfactory, but was not uniform as producers, many being beef, rather than dairy cattle, although, as a whole, they were a desirable breed. We finally secured a few Holsteins, and kept the two breeds distinct, but under the same environment, on same feed, etc. We found the "Black and Whites" much more profitable, greater producers on same rations, more hardy and vigorous. We soon decided that this was the breed we had been looking for. Since that time, nearly forty years ago, no other breed, and only full bloods, have had a place in the Lakeside Herd.



NETHERLAND PRINCE, No. 716 H. H. B.—Premier bull of the breed. Stood at the head of the Lakeside herd for twelve years.

LAKESIDE MODEL FAMILY GROUP—The average records of the five mature cows in the group is 27.32 lbs. each. The others being two year old heifers.

In 1878 the first importation from Holland, selected by Wing R. Smith, was landed at Lakeside. Since that time over 5000 head have been owned in this herd.



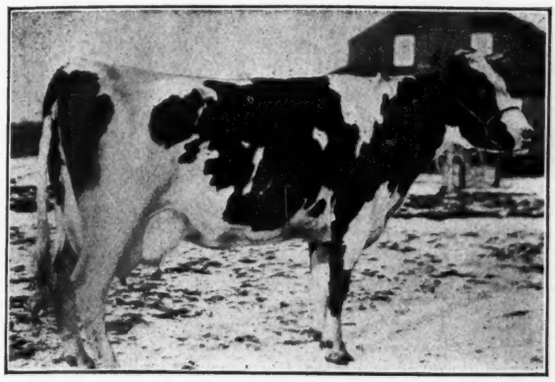
DE KOL 2d's ALBAN'S DE KOL, No. 36714—Record, 26.57 lbs. in 7 days; 109.71 lbs. in 30 days in 14th year, and had not been dry a day in five years. Maternal head of the Model Family.

Our pride in the first shipment was Netherland Queen, one of the most perfect specimens of the breed. She made good by giving us as a two-year-old 58 lbs. 12 oz. milk in one day; 13,574 lbs. 3 oz. in a year, the world's record for that period. She was one of the first four-year-olds of the breed to make 20 lbs. of butter in 7 days.

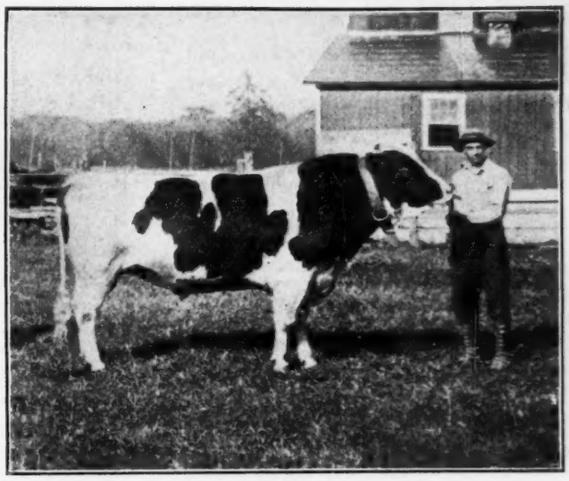
Mr. Smith gave a most enthusiastic account of the herd from which this heifer came, all the same type, form and markings, straight, square, broad on back and rump, on short legs, with fine bone and udders perfect. They had been bred in the same lines for several generations. He had secured only one of that family for that first shipment, thinking the price prohibitive.

After Netherland Queen had proven her capacity as a producer, Mr. Smith returned to Holland with instructions to secure every member of that family, regardless of cost.

Netherland Prince, his dam, grandam, several sisters to Netherland Queen, and all their young descendants were thus transferred to the Lakeside Herd. If Wing R. Smith had not done another thing for the breed in America he would have been entitled to the lasting gratitude of all American breeders. Through this family almost a new, distinct type has been established. Netherland Queen, Netherland Duchess and Netherland Belle each carried the world's records in their respective classes, and several other members of the original family stood very near the summit, es-



ANNIE DE KOL BUTTER GIRL, No. 72910, of the Lakeside Model Family. Record, 31.31 lbs. in 7 days, 129.-59 lbs. in 30 days, dam of 30.91 lb. daughter.



LAKESIDE KING SEGIS ALBAN DE KOL.

pecially for butter. In later years many sons and daughters of Netherland Prince were prominent in making Holstein history. Probably no family has done more for the breed, to secure its present reputation, as the greatest butter breed known. The most remarkable instance of prepotency I have ever known is found in the fact that of the first 99 cows of the breed to make A. R. O. records of 30 lbs. or more in 7 days, 96, all but three, trace their pedigrees to the Netherland family, and of the 21 cows, as per the last Blue Book, which have made from 35 lbs. to 44 lbs., all but one trace to the same family, and nearly all to Netherland Prince. I think no other bull has made such an impression on the future of his race.

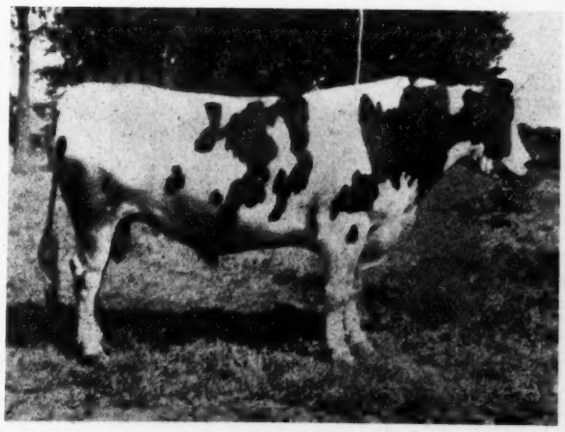
Other noted families have been introduced into America through the Lakeside Herd, viz., the Aaggie, Clothilde, Albino, Artis, Aegis, etc.

The most important work more recently accomplished at Lakeside is the building up of the Lakeside Model Family, which is almost equivalent to re-establishing the Netherlands, to which it traces in many lines, possessing the same characteristics; uniformity of outlines, markings, production, richness of milk, etc. De Kol, King Segis, and Albino have been used as the principal out-crosses. Note the marked uniformity, as shown by the pictures of the two families, herein presented.

In the Lakeside Model Family the uniform large butter production is a notable and valuable feature. Every cow which is three years old or over has an A. R. O. butter record of over 20 lbs. in 7 days, the average being over 24 lbs. According to the last Blue Book there is only one family of an equal number, including all three years and over, all of which have made over 20 lbs.

I consider this high, uniform average of vastly greater value than phenomenal records of a few. It is worthy of note that every record in the Lakeside Herd has been made under absolutely normal conditions, no cow being dry more than a few weeks, some not dry for several years before making records, and no tonic, stimulant, alcohol rubbing, blankets or any other means of securing an abnormal record or high per cent of fat, has been resorted to. The average per cent of fat for this family, as denoted by the tests, is about 4 per cent.

The abnormally high per cent of fat, which by some means many cows have been able to produce, is to my mind, very misleading as to her value for breeding purposes. I believe it is a conceded fact that no animal transmits to offspring any quality which it does not possess when in a normal state. I do not mean to be understood that the per cent of fat in a breed can not be increased, for it can be, by slow degrees, by favorable environment, careful selections persevered in for several generations, until these qualities become normal and hereditary. I do mean that a cow which, in her normal condition, with only ordinary dairy feed produces 3.5 per cent fat, if by some means is made to yield 6 per cent to 7 per cent fat, she will only transmit to her offspring the per cent which she possesses in her normal condition. Such are my views, but I wish this important subject might be treated by abler and more scientific minds.



ANNIE DE KOL MODEL KING, No. 77260, at 2 years. First Prize two year old, Reserve Champion bull, two years and over at New York State Fair.

H. Buss, Sherman, N. Y., was a recent caller at the World office. Mr. Buss was enthusiastic over the prospects of the business, and also over the work being done by the World. Mr. Buss is one of the growing number of breeders who give a year's subscription to the World to every one of his customers not already a subscriber. This is a broad-minded policy, and one that is certain to work to the benefit of all concerned.

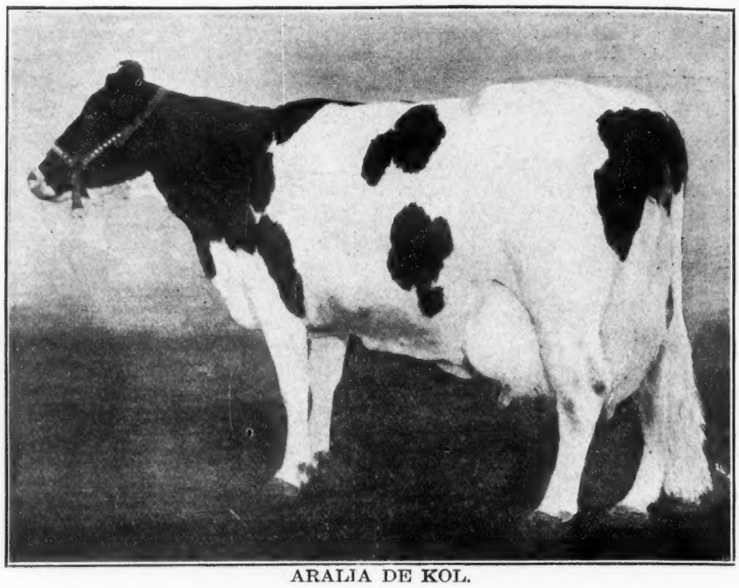
We are advised that a daughter of Artis De Kol Walker has just completed a record of 33.60-lb., and that two daughters of Joe Gelsche De Kol Burke have made 30-lb. records. We are unable to learn the names of these cows in time for publication this week.

MICHIGAN'S THREE-TIME 30-LB. COW.

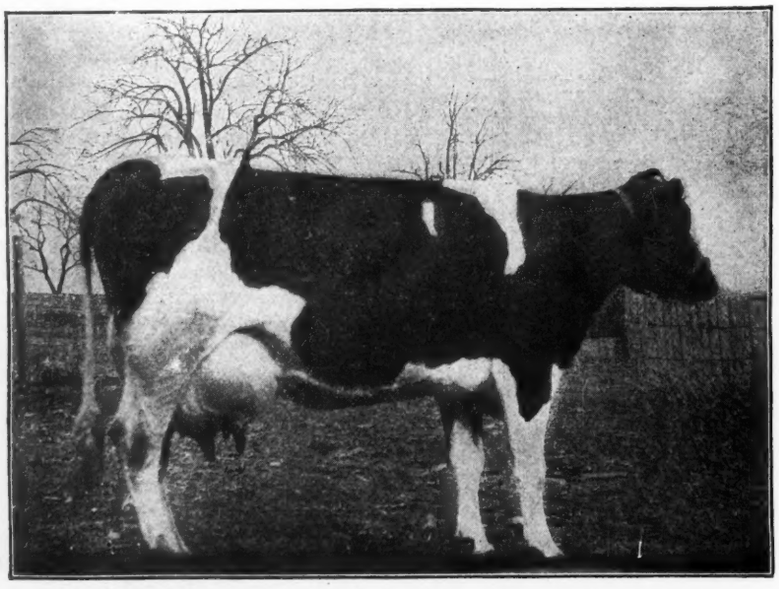
PONTIAC DE NIJLANDER was purchased by Herbert L. Cole, secretary-treasurer of Cole Brothers Co., at the October, 1909 sale of the Michigan Consignment Sale Company, held at the State Fair grounds near Detroit. She was then nineteen months of age and was one of forty "Pontiac" cows and heifers that had been consigned by the Pontiac State Hospital, then a member of the sale company. E. C. Smith, then steward at the Asylum, had been ill for several months and the herd as a result, had suffered in condition. The mature animals were fairly well-fitted for the sale ring, but the young stock was in poor flesh and unkept from an entire lack of attention. Pontiac De Nijlander was among the worst appearing animals of the lot. Large for her age, emaciated of flesh and ungainly in action, she was further handicapped by being almost all black in color at a time when the "almost all white" fad was at its extreme height. It is not surprising that she was quickly struck off to Mr. Cole for the price of $140.00. The "wise ones" nudged each other knowingly as she shambled out of the ring. "Another sucker," they said, and turned the pages of their catalogs to inspect the pedigree of some of the "good ones."

Possibly Mr. Cole had a "hunch" that beneath the heifer's ragged coat there was the ability in embryo of a great dairy cow; and perhaps he pinned his faith entirely to the name "Hengerveld De Kol" that appeared at the top of her pedigree. At any rate she was taken to Ypsiland Farms with several other Pontiac animals of like appearance and breeding, that Mr. Cole purchased at the sale. Here, at the end of two years, she became one of Michigan's few cows with a single 30-pound record and at the end of two years more had repeated this performance twice with a consistent increase in each record. The animal that in 1909 had gone begging at a grade price of $140.00 has in four years achieved world-wide fame and enhanced her own value to an extent that cannot be expressed in terms of dollars and cents. No stronger incentive to the young breeder could be offered; no finer example of what blood, plus proper care and development, will accomplish, can be cited to those who question the profitability of the pure bred livestock industry and the value of official testing.

(From Michigan Dairy Farmer in an article by the editor of that journal.)



ARALIA DE KOL.



PONTIAC DE NIJLANDER—Three times a 30-lb. cow.

Field Notes

Latest advices from Francis M. Jones give the following semi-official records:

Tweede White Lady, 310 days—	
Butter	1009.95
Milk	18,959.60
Lotta Belle De Kol, 316 days—	
Butter	946.73
Milk	17,570.10
Pietertje Grindetia 2d, 328 days—	
Butter	745.75
Milk	16,166.30

Tweede White Lady and Pietertje Grindetia 2d are still in test. Lotta Belle De Kol freshened again but a few days after the close of the 316 days as given above.

A partial report received as we go to press of the Liverpool Sale and Pedigree Company's Second Public Sale held January 27 and 28 at the New Sale Pavilion, Liverpool, N. Y., gives the following top prices:

King Pontiac Posch—$2900. Consigned by Jabez Smith. Purchased by C. W. Decker, Newark Valley, N. Y.

Sir Johanna Rag Apple De Kol—$2050. Consigned by James Gibson. Purchased by Archie Reid, Jr., Janesville, Wis.

Finderne Countess Pontiac (25 lb. at 2 yr.)—$1405. Consigned by Bernhard Meyer. Purchased by Hugh J. Davis, Broadalbin, N. Y.

Pauline Clyde Wayne—$1000. Consigned by Stevens Bros.

161 head thus far sold brought $39,015., an average of $242.33.

PONTIAC DE NIJLANDER 108361

By N. A. Cole of Cole Brothers Co., her owners.

THE NEW world's milk and butter champion, over all breeds and ages, for both 7 and 30 days, for three A. R. O. records made in three successive years.

No other cow has ever made three and four-year-old A. R. O. records each above 30 pounds butter in 7 days or each above 120 pounds butter in 30 days; while no other cow of any age has ever made three A. R. O. records in three successive years of over 30 pounds butter each in 7 days or over 120 pounds butter each in 30 days.

Pontiac De Nijlander has just finished her five-year-old test which will give her three, four and five-year-old A. R. O. records each above 30 pounds butter in 7 days and over 123 pounds butter in 30 days, together with a larger milk production for these three consecutive tests than ever before produced. It will thus be seen that for age and achievements no other cow has ever even approached her.

Here are her three sets of A. R. O. records (the last records not as reported on by Mr. Gardner, having just been made).

At 3 1-2 years—	
Butter in 7 days	30.10
Milk in 7 days	588.6
Butter 30 days	123.88
Milk 30 days	2522.2
At 4 1-2 years—	
Butter 7 days	32.72
Milk 7 days	613.3
Butter 30 days	135.31
Milk 30 days	2632.00
At 5 1-2 years—	
Butter 7 days	35.43
Milk 7 days	750.00
Butter 30 days	144.64
Milk 30 days	3090.06

Pontiac De Nijlander, the world's only three times straight 30 pounds cow, was developed at Ypsiland Farms, Ypsiland, Mich., where under the personal care of our herdsman, Eber M. Norcross, she has made the above records.

She is a granddaughter of Pontiac Pauline Paul and Hengerveld De Kol and was bred and born at the Pontiac Asylum.

What makes her last record still more remarkable is the fact that four months after the first service she was again bred and, hence was not expected to freshen until late in April. As a consequence all grain was taken away from her six weeks before she gave birth by the first service on Dec. 8, 1913, to a very large and handsome bull calf, in order to get her dry, for the rest and conditioning before freshing. Resulting in her being in very poor flesh, yet she has produced over 103 pounds of milk daily for the entire 30 days and was actually showing a gain on her 30 days record when taken from the test, which was done in order to conserve her energies and reserve strength for a still greater record next season as a six-year-old.

Pontiac De Nijlander—the only 30 pounds cow that more than comes back each year.

Correspondence

"Spring Farm King Pontiac 6th. The best Bred Holstein Bull Living."

This is quite a claim but we believe it is a just one. In the first place, what is breeding?—inherited tendencies. Good breeding as it refers to Holstein cattle is, the known inherited tendency to make large records of milk and butter and to transmit these qualities, to succeeding generations.

Now given certain characteristics of a certain animal or group of animals, the tendencies of relatives of these animals to have these characteristics and transmit them to their offspring, is in direct proportion to the percentage of the same blood they carry.

For instance, a son of Belle Korndyke carrying as he would 50 per cent of the same blood, should, allowing that other conflicting tendencies are equal, transmit to his offspring twice as strongly as any of her grandsons, the characteristic qualities of Belle herself. Among his daughters should occur twice as frequently, that drooping left horn, that rugged constitution and that 75 lb. of 4 per cent milk per day.

The point that I wish to make is this, that the breeding for good or bad, or the probabilities of animals having and transmitting to their offspring the characteristics of other related animals, is directly proportional to the percentage of identical blood that they carry. This is certainly a reasonable and just and in fact the only, basis on which to compare the breeding of different animals, especially those too young to be compared by definite results.

With this preliminary I want to compare the breeding of Spring Farm King Pontiac 6th with some acknowledged extreme high bred bull and as I was asked a few days ago where he was better bred than the $15,000 son of K. P. Pontiac Lass, the 44-lb. cow, I will take that bull for my comparison.

Spring Farm King Pontiac 6th is from Tweede De Kol Lass (34.39 lb), who is also the dam of K. P. Pontiac Lass, the 44-lb. cow, who is in turn, as we all know, the dam of the $15,000 bull. Supposing both these bulls were by the same sire, which would be the better bred ? — unless you thought it over you would undoubtedly say, the son of the 44-lb. cow; but is he ? Which is the most liable to get daughters that are liable to make 34-44 lbs ? The $15,000 bull, through his dam, carries 50 per cent the same blood as the 44-lb. cow and 25 per cent the same blood as Tweede De Kol Lass, the 34-lb. cow, giving him an average of 37 1-2 per cent the same blood as these two cows.

Spring Farm King Pontiac 6th, through his dam, carries 50 per cent the same blood as the 44-lb. cow and 50 per cent the same blood as the 34-lb. cow, or an average of 50 per cent the same blood as each, so right on the start he has an advantage, and compared on the one side alone, the probabilities of his getting daughters that will make from 34-44 pounds each, is as four is to three for the $15,000 bull.

How about transmitting abilities ? Spring Farm King Pontiac 6th has 50 per cent the same blood of the only cow that has ever produced a 44-lb. daughter. The transmitting abilities of the dam of the 44-lb bull are as yet unknown.

But Spring Farm King Pontiac 6th and the $15,000 bull are not by the same sire. The $15,000 bull is by a son of an 18-lb. cow and he in turn by a son of another 34-lb. cow. On his sire's side the $15,000 bull carries practically none of the same blood as the 44-lb. cow. How does it figure out here ? The $15,000 bull, through his sire, has 25 per cent the same blood as an 18-lb. cow and 12 1-2 per cent the same blood as a 34-lb. cow or from his sire's side his tendencies will be 18 3-4 per cent to produce daughters from 18-34 lb.

Spring Farm King Pontiac 6th, from his sire, has 37 1-2 per cent the same blood as the 44-lb. cow and 25 per cent the same blood as a 37-lb. cow, or from his sire his tendencies will be 31 1-2 per cent to produce daughters capable of producing from 37-44 lb.

To sum the whole comparison up on both sides of the pedigree, the $15,000 son of K. P. Pontiac Lass, the 44-lb cow, carries 50 per cent the same blood as a cow with an official record of 44.18 lb., 25 per cent the same blood as a cow with an o..cial record of 18.08 lb. and a total of 25 per cent the blood of two other cows whose records average 35.86 or he has an average of 33 1-3 per cent of the same blood as three cows whose average records are 32.7 lb.

Spring Farm King Pontiac 6th has 87 1-2 per cent the same blood as a cow with an official record of 44.18 lb., 62 1-2 per cent the same blood as a cow with an official record of 34.39 lb., and 50 per cent the same blood as a cow with an official record of 37.45 lb., or an average of 66 2-3 per cent the same blood as three cows whose average official record is 38.67 lb., or in other words he carries just twice as much high producing blood, and it is higher producing blood.

This is a comparison of production of near relatives. A like comparison of transmitting powers, only increases the superiority of Spring Farm King Pontiac 6th. The records and transmitting powers of his ancestors, his individuality, his opportunities and all, we believe make him not only the best bred Holstein bull living but the most desirable young bull of the breed and all in all the most valuable living Holstein.

F. H. STEVENS.

Lacona, N.Y., Jan. 20, 1914.

Enclosed find payment for one year's subscription to the World—a paper that every breeder of Holstein Friesians should read.

(Sd.) J. V. & H. E. Baldwin,

Box 142. Patterson, N. J.

AN OUTLINE OF HOLSTEIN-FRIESIAN HISTORY

By E. M. Hastings.

We have good evidence of the fact that a large proportion of the cattle selected by Americans in Holland were of the best sort that could be picked out. Mr. Miller said on this point, at a Holstein Breeders' Convention in Chicago in 1883, "I know of some importers who have selected the best regardless of expense and the Hollanders complain that they are letting the flower of their country leave them." T. G. Yeomans, who had a considerable experience importing Holsteins, remarked concerning his selections in Holland, "I was endeavoring, as I suppose were most of those desiring to establish a herd in this country, to select the best I could find, and felt willing to pay a price corresponding with their worth. I never found a Hollander who would not sell for a price, and they expected it to correspond with the value, and from what I know of breeders, would think it very strange for a man to go there from this country and purchase anything short of the best his money and judgment would buy."

Mr. Huidekoper expressed a similar opinion based on his own experience. In the same meeting Prof. J. P. Roberts, of Cornell University, offered this testimony: "I think I can say without hesitation, in travelling over the country, following the very roads these men have travelled, visiting the same stables, noting the sires and dams of many of the animals they purchased in the early days, that as many as four or five of the larger importers have taken the utmost pains to get the best, except only that when a very superior animal was very badly marked, they passed it by." Incidentally it may be worth while to note a remark made by Mr. Miller during this discussion in the Chicago convention. He said, "We have records in this country of what the Holstein cattle have done. When the Hollanders produce records that exceed 18,000 lbs. of milk in one year, we will deem that they have better cattle than we have."

Of course, the Holstein cows in this country today that have produced over 18,000 lbs. milk each in a year make up a list of considerable length. However, it appears that some of the best cattle in the world were selected as the foundation stock for the present American breed of registered Holsteins, and our herd book records, enabling us to trace the ancestry of every animal back to importation, serve much the same purpose as the genealogical records through which we can trace our own ancestry back to the best of the American colonists, if we are so fortunate as to claim the advantages of descent from those heroic pioneers.

The history of the black and white breed in this country is largely the history of the Associations that have been formed for maintaining the records pertaining to the registration and sale of the animals comprising this breed. It is easy enough to think of a bright idea that someone else has originated; it is not difficult to say the clever things that someone else has put into words; it may be a simple matter to comprehend the why and wherefore of a great system that someone else has created, but it is the exceptional person who can originate the bright idea or frame the clever expression, or create the great system. Therefore, the highest praise is due to the men who had the genius to conceive and the ability to execute the plans leading up to the establishment of the wonderful organization which we call the Holstein-Friesian Association of America.

The first and foremost of these was Winthrop W. Chenery, author of the first herd book published by the Association of Breeders of Thoroughbred Holstein cattle, and the first president of that Association. As I have said, this first book was printed in 1872. The second volume appeared in 1875. In the introduction to the second valume we read, "It will be remembered that at the time of the publication of the first volume of the Holstein Herd Book in 1872, there were only 61 males and 67 females in the country to be recorded, nearly all of which had been bred from the Chenery importation of 1861. Only three years have elapsed since the date of that publication and we now have the remarkable number of 110 males and 167 females additional. The third volume of the Holstein Herd Book appeared in 1878. In the introduction of this book we find the following resolution adopted at a meeting of the Association March 7, 1877: "Resolved, That the Association express its profound sense of sorrow and irreparable loss in the decease of its founder and guide as well as its most zealous and efficient executive officer and supporter, Winthrop W. Chenery. The same volume presents a full page portrait of Mr. Chenery, which it seems to me, shows a decided resemblance to another famous New Englander, James Russell Lowell.

We are told that Mr. Chenery was a big man, physically as well as mentally—of Herculian build, measuring six feet, four inches in height, and weighing close to three hundred pounds. His winning personality and commanding presence united with a resolute will that never would accept defeat, made him a powerful force in any undertaking, and his championship of a cause always carried with it the assurance of success.

In his efforts to establish on this continent the greatest breed of dairy cattle that the world could provide, he builded wisely and well; and when the time came for him to lay aside his work, others were able to go on successfully with the structure for which he had provided so firm a foundation.

Breeders' Bulletin

Official records worth while are still being made in Brookside Herd although we have been too busy to report many lately. At Lacona, Tidy Abbekerk Princess Bettina, a daughter of Tidy Abbekerk Prince, has made the nice record of 30.13 lbs. butter in seven days and also a very large thirty-day record. As we had, or rather did have at that time, twenty sisters to her, we think a great deal of this record. We believe and have believed that the daughters of Tidy Abbekerk Prince are some of the largest producing things we ever saw, when year's production is considered. Our Liverpool superintendent, Mr. Harry Dunham, evidently thinks they are good for he purchased all the daughters of Tidy Abbekerk Prince we had and will keep them as foundation stock, so that the readers of the World will expect to hear of more large records in this line of breeding.

Here at Liverpool, Mayflower Lilith Pauline 2d, a daughter of Joe Gelsche De Kol Burke has produced 31.16 lbs. butter in seven days, 128.13 lbs. butter in thirty days, this as a senior three-year-old. Pansy De Kol Burke, another daughter of Joe Gelsche De Kol Burke, has made 27.17 lbs. butter in seven days. The daughters of King of the Pontiacs are keeping up the good work and the prospects look bright for the King, having one hundred officially tested daughters before the present official year is ended.

Two more two-year-old daughters of King of the Pontiacs have finished year tests. K. P. Order produced 657.1 lbs. butter from 13,560 lbs. milk. K. P. Monroe Maid produced 680.51 lb. butter from 15,837 lbs. milk. K. P. Ophelia will have finished her year's work when this is published and will make above 750 lbs. butter for the year. When the large official and semi-official records made by the daughters of King of the Pontiacs are taken into consideration it can be readily seen why a heifer calf a few days old, a daughter of this great sire, will bring $900 in the public auction ring.

Stevens Brothers Co.

E. M. Hastings, Lacona, N. Y., writes: We have lately pedigreed in herd register form the herds of the following breeders: Dr. H. B. Favill, Lake Mills, Wis.; George Greer, New

Castle, Pa.; A. E. Smith, Seattle, Wash.; H. S. Royce, Kapowsin, Wash.; Basil Gardom, Dewdney, B. C., and Willey Bros., Cambridge, Vt.

The Ideal Herd Register system is evidently growing in popularity, and we find that a breeder who once has his herd pedigreed in this form usually becomes a regular customer for herd register pedigrees of the animals that are added to his herd from time to time either by birth or purchase.

For Messrs. Chapin & Son, Batavia, N. Y., we lately got out printed pedigrees of eighteen young bulls, all of which are uncommonly well bred, being sons of King Quality and Admiral Walker Pietertje.

It may be remarked that since Admiral Walker Pietertje is no longer living, the time will soon come when his sons will not be in the market at any price.

The Annual Meeting of the New York State Breeders' Association will be held in Rochester, N.Y., at the Powers Hotel, on February 4-5.

Commissioner Huson has been to much pains to secure an attractive and interesting list of speakers, and there is every indication that the meeting will be a large and enthusiastic one. On Wednesday evening the citizens of Rochester have arranged for a sumptuous banquet, all members being invited.

The Ohio Holstein-Friesian Association will hold its 7th Annual Meeting Friday morning, February 6th, 9 to 10:30 o'clock, at the Ohio State Fair Grounds.

The large number of students attending the agricultural courses at the Ohio State University necessitated the use of buildings at the Fair Grounds.

The Ohio Dairymen's Meetings are to be held there the 5th and 6th, and their program for the morning of the 6th, beginning at 10:30, will be especially devoted to Holstein interests and should induce a large attendance.

There are ample reasons why breeders and dairymen should keep up state and local organizations and those interested in Holsteins are urged to attend this meeting.

The Ohio Holstein-Friesian Association membership fee is only one dollar a year, and anyone unable to attend the meetings can add their influence to the organization by becoming a member.

Programs are being mailed to all parts of Ohio and anyone desiring a copy can obtain it by sending their address to A. G. Byers, Sec., Station E, Columbus, Ohio.

The Fifth Annual Meeting of the New Jersey Holstein-Friesian Breeders' Association will be held at Somerville, N.J., on February 7, 1914. There will be speakers of note to address the meeting, and plans for the year will be discussed, etc. Everyone is welcome.

JACOB TODD, Jr., Sec.

R. E. Chapin & Son, Batavia, N.Y., write:

"Mr. Fred C. Hill of Owego, N.Y., has recently purchased from us a young sire, King Quality Walker, that is of unusual promise. His sire is King Quality, one of the greatest bred bulls of the breed. The latter's four nearest dams all have 30-lb records, the average for the four being 32.13 lbs. of butter in seven days, and 595 lbs of milk averaging 4.32 per cent fat.

"We now have over twenty daughters of King Quality, and individually they are all that one could ask for. We have many more cows yet to freshen by him this winter, so that his daughters will soon include a very large number. We might add that all of his daughters will be retained in our herd and given the benefit of an official test.

"The dam of King Quality Walker is one of the great producing daughters of Admiral Walker Pietertje. As a 2-yr-old she produced 20.3 lbs. of butter and 452 lbs. of milk in 7 days. She held out so well on her 30-day record of 84 lbs. of butter and 1914 lbs. of milk that we decided to run her in semi-official yearly test. The result has proved that our expectations were well founded as she has just completed a yearly record of 797 lbs. of butter and 17,505 lbs. of milk. Her dam is also in yearly test, and is making a large record, so that this bull has back of him proven dairy qualities that should insure his great value in a herd."

H. R. Griffith, Supervisor of Tests, writes:

"Have just completed a test at Hugh J. Davis's, Broadalbin, N.Y., and as the results were quite exceptional, they may prove of interest to the readers of the World.

"Pauline Prilly of Russell Farm No. 118057, a daughter of Artis De Kol Walker. Milk 641.4 lb. Butter 25.56 lb. Highest day in milk 95 lb. This makes her the largest A. R. O. daughter of this sire as reported in the Blue Book."

"Hilldale Gem Segis No. 128550, a 4-yr-old daughter of King Segis Beets. Milk 609.9 lb. Butter 28.60 lb. Highest day's milk 89.6, making her the second highest A. R. O. daughter of this sire yet reported.

"Fairview Nanuet Korndyke No. 185707, a yearling daughter of Pontiac Korndyke. Milk 290.3 lb. Butter 13.43 lb.

"Now it is a well known fact among Holstein breeders that a great deal depends on the condition of the animal and the care she gets before and during the test to attain the best results, also the man doing the work of feeding and milking during test should have had the care of the animal some time previous, to know on just what she will do the best. In this Mr. Davis has been very unfortunate, as the man he had caring for his cows for some time previous had taken up other work about a week before this test began; this left the cows in other hands. Although Mr. David Davis, Hugh J.'s father, who took up the work, proved equal to the task, as you have seen from the results, he was working under a great disadvantage in not having handled the cows before.

"Mr. Davis's herd now numbers about 30 head of very choice animals from such noted sires as King Segis, Pontiac Korndyke, King Korndyke Hengerveld Ormsby, King Segis Beets, and Artis De Kol Walker. As a herd sire he is using a son of Pontiac Korndyke from a 33.76-lb. dam, a full brother to the bull sold at the Guaranty Sale for $2,900.00. The results thus far have been very gratifying, and there is no doubt but that as his organization becomes better established, Mr. Davis's herd will make its influence strongly felt."

Quentin McAdam, Utica, N. Y., writes:

"Sadie Cornucopia Mignone, a daughter of our former herd sire, Sir Sadie Cornucopia, has just completed a 7-day record of 30.4 lb. butter. She is owned in Canada, and this test was the first experience of her owner in this kind of work. Sir Sadie Cornucopia is a son of Sadie Vale Concordia (30.64 lb.), the first 30-lb cow of the breed."

D. J. Hollis, Lacona, N.Y., writes:

"Please change my ad. in the World as the five cows advertised are sold. The ad. brought inquiries from Maine on the East, Alabama on the South, to South Dakota on the West. There was one thing that impressed me very strongly by the inquiries that I had, that was, the value put upon my herd sire, Albina Butter Boy. I think it was largely through him that I received so many and prompt inquiries and which brought such an early sale. Another thing, I think your arrangement of the Lacona Breeders is a very fine idea. I thank you for your help."

C. H. Wheat has sold his Bluff Point Stock Farm just on the outskirts of Hamilton, and purchased another business. He is obliged to sell his whole herd of 26 pure breds. They are of the blood that has made the reputation of this vicinity. There are three daughters of Artis De Kol Walker, a son of Beauty Pietertje (30.5). One of Artis De Kol Walker's daughters has just made 33.60 lb butter in 7 days. Two daughters of Betsey Hamilton Beauty, one of Mr. A. A. Hartshorn's best cows; six daughters of a son of Artis De Kol Walker; six daughters of Tirania Sir Johanna 3d, a Korndyke-Johanna sire of extra quality. The aged cows are good individuals. This will be a chance to get some well bred individuals at probably low prices. Mr. Wheat regrets having to sell the herd, for he was pleased with the way he was getting into well-bred stock.

HARRY MASON KNOX.

C. H. VanAuken, of the New York State College of Agriculture, writes that at the present time they have about ninety men in the field supervising records.

Lieuwkje Lynfeld Pleasant Valley Kate, owned by A. R. Owen, Goshen, N. Y., is now making another sensational record. Report has it that she already has over 36 lb. to her credit.

Lothian Maggie De Kol, owned by Alexander Watt, Novelty, Ohio, has just completed a semi-official year's record of 27,968 lb. milk and 1239.12 lb. butter. It is stated that this record was made under ordinary farm conditions.

HOLSTEIN-FRIESIAN WORLD

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When a subscriber wishes his subscription discontinued, he should notify his nearest office.

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Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photograps are sent, cuts will be charged for at cost price.

All matter for publication in the Eastern Edition must be received by the Saturday preceding date of issue.

When so desired, advertising copy will be prepared or revised for our customers free of charge.

ADVERTISING RATES

One dollar per inch, each insertion.

On yearly contracts for a given space a discount of 50 per cent will be allowed, the same rate of discount to apply to any larger space that may be required, except for public sale advertising. On yearly contracts for every-other-week advertising, a discount of 35 per cent will be allowed.

Special page rates (applying to other than cover pages, which admit of not less than the regular yearly rate)—

Full page (30 inches) for one year, 52 issues, $650.00.

Half page (15 inches) for one year 52 issues, $350.00.

Editorials

Great Work on the Pacific Coast

We are in receipt of a very interesting account of recent doings in the A. W. Morris & Sons Corp. herd at Woodland, Cal. As we aim to give our readers a more complete description of this herd at some future time, we will not publish this account in full at present, but will simply mention a few of the most noteworthy achievements:

Aralia De Kol, at twelve years of age, astonished the world with a production in semi-official test of 1142.32 lb. butter, 28,090 lb. milk, being the first cow to produce 28,000 lb. milk in a year. Now at thirteen years she has just completed a second year's record of 960.62 lb. butter, 22,901.3 lb. milk. No other cow at this age has approached the above showing for either one or two years. Only one other cow of any age has produced a larger amount of butter in two consecutive years.

Other year records recently completed in the herd are:

Pet Salambo of Riverside		1002.50
Creamcup	4½ y	877.38
Molly Duchess' Daughter		870.20
Arabella E. 2d		843.30
Contenta 2d		818.33
Aralia De Kol 3d	2 y	772.96
7-day records:		
Salo Canary Mercedes Burke	4½ y	31.80
Tilly Alcartra	5 y	30.37
Milk		706.10
Hiske of Riverside		27.99
May Korndyke 2d	3½ y	29.40
De Kol of Valley Mead 2d	4½ y	26.54
De Kol of Valley Mead 3d	4 y	25.16

Salo Canary Mercedes Burke is the sixth 30 lb. daughter of De Kol Burke. Tilly Alcartra, who won fame last year by breaking the world's three-year-old record in the semi-official yearly division, is a daughter of Alcartra Polkadot Corrector.

This showing, coupled with the previous achievements of this firm, makes a strong argument for the California atmosphere in the development of Holstein-Friesians.

—M. S. P.

Commonplace Successes.

Young Dash was full of energy, you couldn't keep him still. His pace was mad, his face was glad through fortunes good or ill. He did three men's work every day and then had time remaining with friends to feed, the World to read—but no time for complaining. He bought a worn-out run-down farm, the cheapest place in town ('twas all his credit would command) and paid six hundred down; but in his jeans he kept the means to purchase something better, for well he knew that Holsteins true would sure befriend the debtor. Then straightaway he went that day and bought a heifer calf, with pedigree of high degree. It made the neighbors laugh, to see their friend so free to spend his last remaining dollar and in their ranks his Holstein pranks provoked a mighty holler. But soon it seemed that he had dreamed of more than they could tell and every corner on the farm responded to his spell. For yards were cleared and brush was cut and leaky roofs were mended, and broken fence posts were replaced, nor were his labors ended when all his neighbors were asleep. He worked to get things done, and hanging doors and doing chores, he said was royal fun. He put more windows in the barn, whitewashed the dingy stable and made his buildings clean and neat, from basement wall to gable. And when it came to raising crops, things surely came his way. He limed his meadows, drained his swamps and grew both corn and hay. But presently the Holstein calf became a matron queenly—the mother of a pair of twins. She chewed her cud serenely, milked eighty-seven pounds a day, achieved a wondrous name; and far and wide the countryside resounded with her fame. With hearty greed and healthy speed, each vying with the other, the twins apace did grow a race and soon outclassed the mother. The little herd of Holsteins grew, its numbers multiplied, and Dash continued as before to plan with vision wide. He paid a thousand for a bull (his neighbors thought him crazy; but he was satisfied to know they could not call him lazy). With might and main, through sun and rain, Dash played a winning game, and fortune smiled as in his herd each new arrival came. To tell the records of his cows, the prices they commanded, the way he built his business up, the big deals that he landed, and how he made his little farm a bright place on the map, awaking slothful neighbors from their too contented nap—would be to all my Holstein friends an old familiar tale, for never was an instance when a man like Dash could fail; and never was an instance when a Holstein of right breeding would fail to put her owner in a fair way to succeeding.

—E. M. H.

In speaking of the 7-day record of Sophie 19th of Hood Farm, our friend The Jersey Bulletin compares her calculated yield of 28 lb. 10.4 oz. with the actual churn production of 28 lb. 5.6 oz. It then goes on in characteristic style "wonder how big forty pounds of 80 per cent Holstein butter in one of those world's records would look after it went through a churn?"

Does the Bulletin take the stand that a pound of butter fat will not actually produce the same amount of butter under like conditions whether it be Holstein or Jersey or scrub?

On the 85.7 per cent basis, which is universally accepted as correct by authorities who should know, K. P. Pontiac Lass, during the week of her test, would have produced approximately 41 1-4 lb. of the best commercial butter, as much as the weight of a good sized Jersey calf.

—M. S. P.

Enclosed find check $1.75 for which kindly extend my subscription to the World one year and send me a binder for your valuable papers, as I wish to retain them all in good shape.

(Sd.) Charles H. G. Sweigart,
Avondale, Chester Co., Pa.
Ivywood Farm.

NEW ADVERTISEMENTS.

The half page ad. of W. D. Robens, Poland, N. Y., tells the facts concerning Sir Veeman Hengerveld. To say the least they are interesting. He offers a son of the old bull from one of the most promising young cows in the Pleasant Hill Herd.

Does 44-lb. breeding appeal to you? Read F. M. Jones' half page ad. this time.

Dr. John C. Sharpe, Blairstown, N. J., offers a bull calf whose dam is a 30-lb. 3-year-old, and whose sire was from a 30-lb. 4-year-old daughter of a 31-lb. cow.

H. B. Davis, Chester, N. Y., can offer you bulls with a combination of breeding impossible to find elsewhere: sons of Korndyke Butter Boy, out of daughters of Pontiac Korndyke and King of the Pontiacs.

D. J. Hollis, of the "Lacona Breeders" offers some choice cows and heifers bred to Albina Butter Boy. His previous ad. concerning the blemished cows brought about two dozen inquiries and effected a quick sale.

Colvin & Deshane, Richland, N. Y., another of the "Lacona Breeders," offer a bull calf whose two nearest dams average 32.97 lb. The sire is the $15,000.00 son of the 44-lb. cow.

The Holstein-Friesian Association advertising is always interesting. If you have any friends which you think would be interested in this campaign, for better nutrition, do them the favor of asking the Association to send them its free literature on the subject. Mothers will be particularly interested to receive it. In writing be sure to mention the World.

George F. Blewer Est., Newark Valley, N. Y., offers a yearling bull, four of whose nearest dams average 27.6 lb. Price and other information in the ad.

A proven son of the sensational show bull, Paul Calamo Korndyke, is offered by F. B. & W. P. Sprague, Smyrna, N. Y. This bull can be bought for about a beef price.

C. H. Hazen & Son, Whitefield, N. H., offer three bull calves whose sire was by a son of Hengerveld De Kol, and from a 25.55 lb. daughter of King Segis. This is a good combination.

If you are an experienced dairyman, and are a good hand with cattle, a position is open to you with A. P. Larimer, West Newton, Pa. See his ad. for further details and requirements.

H. T. Fuller, Peru, N. Y., offers a six-year-old cow due to freshen by his 30-lb. bull, Sir Tirania Segis. The World has sold all of his bulls except one. Read the ad.

Chas. C. Disbrow, Norwalk, Conn., offers two sons of the 32-lb. cow, Flam-

OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS.

Name of Cow and Owner	Age y.	m.	d.	Lbs. Milk	Per cent But. Fat	Lbs. But. Fat
Full Aged Class.						
Maid of Athens Ramoua 93221, Iowa State College	7	5	13	486.9	3.94	19.164
Netherland Kodienna 3d, 67709, T. J. Blanchard	10	1	12	509.0	3.71	18.879
Green Plain Adeline Topsy 114681. Loyal B. Brown	5	6	22	574.9	3.25	18.697
Netherland De Kol Calamity Vale 111387, J. B. Grant	5	10	22	483.7	3.82	18.482
May Abbekerk De Kol Mechthilde 110565, Kennedy Hol. Farm Co.	5	10	8	509.4	3.58	18.222
Aaggie Perfection 2d 103427, W. C. Gleim	5	11	25	483.8	3.75	18.151
Koopal Madrigal De Kol 102225, C. A. Pratt	5	7	29	492.5	3.65	17.966
Gaza Aconeth Pledge De Kol 81229, W. C. Gleim	8	11	20	542.6	3.11	16.855
Minnie Star 76545, Iowana Farms	8	6	11	592.7	2.76	16.388
Hulda Pietertje De Kol 75411, M. J. Smiley	9	6	21	454.6	3.59	16.325
Topsy Mutual Drosky De Kol 106446, F. L. Stone	5	10	15	480.6	3.27	15.701
Abbebaker Beauty 80739, Geo. T. Sinton	8	2	25	488.0	3.17	15.480
Nettie Jenks Tiffany 87969, F. M. Tiffany	8	0	10	444.1	3.49	15.477
Maple Johanna America 108916, F. R. Allis	8	10	15	438.3	3.49	15.281
Senior Four-year-old						
Pauline Drosky De Kol Paul 2d 122596, C. S. Lunt	4	8	26	451.4	4.26	19.244
Princess Leo Netherland De Kol 3d 127144, O. J. Godfrey & Co.	4	6	23	458.4	3.74	17.157
Imperial De Kol Lilith 2d 117284, Dudley P. Rogers	4	10	19	487.1	3.47	16.890
Belle Paul De Kol 126044, Thos. Darcey & Sons	4	7	11	431.9	3.90	16.845
Crescent Farm Colantha De Kol 131044, Owen D. Minges	4	7	26	479.2	3.51	16.831
Princess Sietske 126051, F. L. Stone	4	8	13	420.5	3.62	15.235
Colantha 4th's Lad Mechthilde 118901, Geo. J. Copestake	4	11	10	432.7	3.46	14.962
Mt. Hermon Butter Boy Flossie 120987, Mt. Hermon Boys' School	4	7	17	499.3	2.77	13.843
Mt. Hermon Butter Boy Rene 120991, Mt. Hermon Boys' School	4	8	4	400.4	3.28	13.114
Lady Cho Pietertje 123217, C. A. Pratt	4	11	14	357.2	3.66	13.091
Tulip Roxie Johanna 129460, L. E. Ferguson	4	7	13	305.7	4.20	12.853
Junior Four-year-class						
Dretka Netherland 2d Lass 134159, Julius V. Fredericks	4	3	14	496.5	4.73	23.493
Ahquippa Maid 3d 142920, William I. Griffin	4	0	3	508.0	3.73	18.932
Alma Mercedes De Kol 159034, Thos. Darcey & Sons	4	1	2	358.1	3.43	12.300
Ruby Netherland Korndyke 133535, C. H. Parker	4	5	20	356.6	3.40	12.106
Calista Helena De Kol 130988, Gormley Bros.	4	5	15	350.9	3.30	11.585
Senior Three-year-class						
Pabst Hengerveld Colantnus 135436, Fred Pabst	3	7	3	430.6	4.17	17.953
Netherland Wayne Austin 168211, F. L. Stone	3	7	6	426.0	4.05	17.259
Wayside Rose De Kol 136867, W. C. Gleim	3	7	27	435.4	3.73	16.260
Diamondale Canary Pauline 135873, MBC Orphanage and Home	3	10	29	384.4	4.13	15.887
Beauty Elzevere De Kol 142269, Kennedy Hol. Farm Co.	3	10	4	494.7	2.98	14.725
Fairmont Mildred Woodcrest 135412, Dudley P. Rogers	3	6	17	360.9	3.77	13.606
Winkje Netherland 3d 126021, M. J. Smiley	3	11	27	402.3	3.13	12.593
Serina of Lakeside 141572, Geo. T. Sinton	3	8	25	343.8	3.44	11.843
Fairmont Von Hollingen 135410, Dudley P. Rogers	3	8	4	324.5	3.62	11.761
Agnes Clothilde De Kol Norine 159952, John Patterson	3	11	20	303.3	3.43	10.411
Junior Three-year-class						
Oakwood Lyons Butter Girl 145243, Iowana Farms	3	4	13	417.1	4.55	18.974
Trilby Aaggie Clothilde Homestead 145886, F. L. Stone	3	1	10	458.5	3.59	16.451
30-day record				1899.1	3.48	66.004
Walker Flora Belle 143283, R. E. Chapin	3	3	2	398.6	3.88	15.481
Queen Ina Johanna De Kol 151579, John A. Ballou	3	5	10	360.5	3.48	12.562
Oregon Mechthilde Queen 2d 151189, Oregon Agr. College	3	5	9	401.1	3.08	12.337
Midnight Mary 148370, E. B. Marks	3	4	27	435.6	2.78	12.114
Queen Blythe Manor Mercedes 158039, P. R. Bennett	3	4	1	387.7	3.08	11.932
Clothilde Countess Paladin 2d 144687, J. M. McCamant	3	4	14	305.5	3.83	11.689
Lenore Calamo Korndyke 160446, P. R. Bennett	3	1	12	329.4	3.07	10.114
Senior two-year-class						
Canary Tiffany 171344, F. M. Tiffany	2	8	27	390.2	3.56	13.904
Sterling Jewel Aaggie Grace 154631, W. H. Steiner	2	7	17	361.6	3.80	13.751
Pauline Parthenea De Kol Sarcastic 3d 210110 (Sire 63492; Dam 86769), Oliver Cabana, Jr.	2	9	19	404.4	3.27	16.221
30-day record				1765.0	2.97	52.478
Arcady Lyons Athena 167164, P. R. Bennett	2	9	4	329.0	4.00	13.173
Pabst Hengerveld Terzool 152489, Fred Pabst	2	9	2	318.5	4.09	13.023
Dale De Vries Korndyke Pontiac 166194, S. L. Bryant	2	9	24	400.0	2.99	11.962
Susie Wayne De Kol Korndyke 163220, Oliver Cabana, Jr	2	7	1	356.5	3.26	11.614
30-day record				1425.7	3.12	44.550
Model Bonnie De Kol 146478, H. C. Davis	2	9	28	297.9	3.87	11.516
K. S. P. Zella 157600, Stevens Bros. Co.	2	8	3	319.0	3.54	11.285
Junior Two-year-class.						
Colantha Lillian Walker 172378, R. E. Buell & W. L. Moses	2	3	9	393.6	3.38	13.297
Cornucopia De Kol Butter Boy 160725, P. R. Bennett	2	4	21	371.8	3.47	12.887
Korndyke Spofford Tiffany 191198, F. M. Tiffany,	1	10	21	346.7	3.50	12.123
Ontario Peggy Rockwell 155765, C. S. Lunt	2	5	21	267.9	4.32	11.573
Princess Pontiac Hengerveld De Kol 2d 177205, P. R. Bennett	2	5	20	326.1	3.54	11.544
Alcartra Fayne Burke 164962, Stevens Bros. Co.	2	5	3	337.2	3.42	11.539
Bonalevo Clothilde De Kol 156932, C. S. Lunt	2	5	10	317.3	3.61	11.444
Mt. Hermon Aaggie Johanna 162768, Mt. Hermon Boys' School	2	1	22	349.1	3.18	11,093
Colantha Butterfly Mercedes 184741, Henry S. Hale	2	0	13	318.4	3.41	10.872
Piebe De Kol Manor Mercedes 192407, P. R. Bennett	2	0	26	278.0	3.70	10.274
Bonalevo May Rosa Walker 178005, R. E. Chapin	2	1	4	286.7	3.57	10.227
Records Begun at Least Eight Months After Freshening.						
Maplecrest Pontiac Flora Hartog 143950, Dan Dimmick & Brother	5	2	1	433.5	4.49	19.468
(Prior record 24.261 lb. fat from 573.2 lb. milk.)						
Lothian Maggie De Kol 90209, Alexander Watt	6	10	14	450.6	4.05	18.231
(Prior record 23.023 lb. fat from 731.5 lb. milk.)						
Crown Pontiac Josey 101812, A. A. Knapp	6	0	20	515.6	3.46	17.833
(Prior record 25.869 lb. fat from 640.0 lb. milk.)						
Buckeye De Kol Pauline 2d 94346, Va. Polytechnic Inst.	6	2	0	356.8	4.67	16.677
(Prior record 20.400 lb. fat from 474.2 lb. milk.)						
Mary Duchess Korndyke 93344, James Phelan	6	7	24	397.5	3.27	12.980
(Prior record 19.890 lb. fat from 511.1 lb. milk.)						
Ophelia Josephine Nudine 2d 77297, J. A. Counter	7	6	6	380.4	326	12.414
(Prior record 17.489 lb. fat from 570.5 lb. milk.)						
Beauty Aaggie Grace 97474, W. H. Steiner	6	0	25	326.0	3.54	11.541
(Prior record 20.699 lb. fat from 546.0 lb. milk.)						

boro Witzyde De Kol 2d. One is by a 25-lb. son of King of the Pontiacs. The other is by a sire whose two nearest dams are both 30-lb. cows.

February 12 is the date of the Bluff Point Stock Farm sale. The breeding that has made Hamilton famous is well represented in this herd. Read the ad. for further details of this dispersion.

Auray Farms, Sparta, N. J., offer a hundred dollar bargain in a son of King Segis Pontiac Clorinda, who was by King Segis Pontiac and from a daughter of King of the Pontiacs.

For A. R. O. Pontiacs, and their sons and daughters, inquire of A. Hursh, Orrville, Ohio.

Quentin McAdam offers a son of the $15,000.00 44-lb. bull, Spring Farm Pontiac Cornucopia, from a 28-lb. 4-yr-old daughter of Hengerveld De Kol; 2d dam from Sadie Vale Concordia (30.64 lb.). This should appeal to some good breeder.

The inside front cover for the coming year has been secured by Messrs. Hartshorn and Chapin. This week they have something to say concerning King of the Black and Whites, Admiral Walker Pietertje, and King Quality. It makes interesting reading. The inside front cover is going to merit your careful attention all the year.

Harold F. Hubbs, Kirkville, N. Y., is in a position to offer something that can be secured nowhere else, viz., the services of a son of a heifer whose records at 2 and 3 years average over 30-lb.

H. A. Prescott, a "Lacona Breeder," offers a bull calf which should prove just what some good dairyman is looking for, if he wants a well bred calf at a low price to grow up for a herd sire.

A. T. Blount, another "Lacona Breeder," has sold the calf previously advertised. This time he offers some well bred cows in calf to his herd sire, Lord Korndyke 2d.

It is rumored that a third daughter of Sir Korndyke Manor De Kol has crossed the 30-pound mark.

Meadow Brook Prilly Daisy, a senior 3-year-old owned by Dr. John C. Sharpe, Blairstown, N. J., has just completed a record of 30.13 lb. butter, 560 lb. milk in seven days. She is a daughter of Sir Prilly Walker.

The Report of Canadian Official Records from January 1, to January 15, 1914, shows two new 25-lb. cows in the mature class: Paladin De Kol Beets (25.76 lb.), and Toitilla Sarcastic Rue (25.56 lb.), both owned by J. W. Richardson, Calldonia, Ont.

Tennessee Pauline De Kol 94036, R. E. Chapin (Prior record 19.442 lb. fat from 534.3 lb. milk.)	6	1	28	367.5	3.10	11.394
Geneseo Abbekerk Fobes 109999, A. W. Morris & Sons Cor. (Prior record 16.496 lb. fat from 481.7 lb. milk.)	5	8	11	305.5	3.43	10.474
Clothilde Pontiac Korndyke 89402, Melvin & Godfrey (Prior record 24.782 lb. fat from 532.3 lb. milk.)	7	2	17	281.6	3.69	10.385
Vernon Burke 98033, Jarvis Bros. (Prior record 17.179 lb. fat from 566.1 lb. milk.)	6	1	14	331.0	3.05	10.086
Skylark Ormsby Hengerveld 91572, Christopher Graham (Prior record 21.372 lb. fat from 580.0 lb. milk.)	5	11	17	314.9	3.19	10.052
Coronis Cornucopia Wayne De Kol 81962, Iowana Farms (Prior record 17.285 lb. fat from 580.0 lb. milk.)	7	0	26	276.0	3.64	10.038
Vinita Ophelia Belle 124080, E. L. Hotchkiss (Prior record 19.559 lb. fat from 599.2 lb. milk.)	7	1	27	297.1	3.36	9.988
Johanna Jessie De Kol Wit 96355, J. F. Schmidt (Prior record 17.668 lb. fat from 538.5 lb. milk.)	6	9	28	224.1	4.08	9.151
Pontiac Dione 61106, Geo. E. Van Hagen (Prior record 19.211 lb. fat from 478.0 lb. milk.)	11	1	15	268.0	3.41	9.150
Adirondac Mercedes Julip Marion 99339, A. G. Doren (Prior record 15.974 lb. fat from 487.9 lb. milk.)	5	8	7	301.5	2.99	9.021
Lindenwood Hope 115655, G. W. Rising (Prior record 24.491 lb. fat from 566.1 lb. milk.)	4	8	0	308.9	5.38	16.619
Belle Mercedes Longfield 105393, L. E. Ferguson (Prior record 17.258 lb. fat from 528.0 lb. milk.)	4	9	17	398.2	3.90	15.528
Dorothy Aaggie Grace 106514, W. H. Steiner (Prior record 17.503 lb. fat from 445.0 lb. milk.)	4	10	21	312.7	3.62	11.325
Walker Pietertje Tennessee 142690, R. E. Chapin (Prior record 16.634 lb. fat from 535.0 lb. milk.)	4	0	11	366.7	3.16	11.588
Lydia Korndyke De Kol 2d 160823, Leuszler & Bollert (Prior record 15.073 lb. fat from 437.1 lb. milk.)	4	0	6	308.8	3.59	11.072
Oak Grove Minnie 118072, M. W. Downing & Bro. (Prior record 12.730 lb. fat from 368.5 lb. milk.)	4	0	14	242.3	3.17	7.691
Sadie Wayne De Kol of Southlawn 122899, David Roberts (Prior record 19.864 lb. fat from 560.6 lb. milk.)	4	1	24	282.6	2.62	7.410
Lady Bawn De Kol 2d 130091, H. A. McQuillin (Prior record 15.212 lb. fat from 394.6 lb. milk.)	3	7	29	321.8	3.33	10.723
Pabst Gem Belle Pride 116427, Fred Pabst (Prior record 18.077 lb. fat from 493.5 lb. milk.)	3	11	21	291.6	3.51	10.239
Maudlene De Kol Johanna 117155, C. W. Culver (Prior record 11.856 lb. fat from 406.8 lb. milk.)	3	11	6	316.2	3.06	9.678
Oak Grove Thelma 118071, M. W. Downing & Bro. (Prior record 13.520 lb. fat from 311.2 lb. milk.)	3	11	22	235.1	3.69	8.679
Princess Pontiac Hengerveld De Kol 127065, P. R. Bennett (Prior record 19.457 lb. fat from 474.7 lb. milk.)	3	11	11	269.9	3.12	8.429
Briar Pietje Abbekerk 127718, A. A. Knapp (Prior record 18.010 lb. fat from 528.7 lb. milk.)	3	2	3	400.0	3.66	14.636
Aaggie Wayne Peep 131420, E. C. Schroeder (Prior record 19.891 lb. fat from 525.5 lb. milk.)	3	4	8	310.5	3.45	10.706
Colantha Hark Korndyke 145400, James Phelan (Prior record 17.231 lb. fat from 479.4 lb. milk.)	3	3	19	276.2	3.24	8.944
May Rosa 5th Pietertje 143287, R. E. Chapin (Prior record 17.046 lb. fat from 502.5 lb. milk.)	3	1	8	253.4	3.51	8.883
Almeda Luecke Belle 131662, Geo. E. Van Hagen (Prior record 16.474 lb. fat from 513.8 lb. milk.)	3	1	28	282.9	2.87	8.116
Fedora Nudine McKinley 145621, Alexander Watt (Prior record 15.062 lb. fat from 420.1 lb. milk.)	3	0	11	184.8	4.13	7.639
Miss Korndyke Chloe Mechthilde 188013, John B. Irwin (Prior record 16.567 lb. fat from 492.1 lb. milk.)	2	8	7	246.6	3.56	8.768
Lilith Pauline Calamity Jane 3d 155517, J. M. Steves (Prior record 15.002 lb. fat from 349.9 lb. milk.)	2	3	6	395.1	3.33	13.144
Fytje Pietertje Ormsby Mercedes 155359, E. C. Schroeder (Prior record 18.521 lb. fat from 472.3 lb. milk.)	2	0	19	375.1	3.33	12.503
Aralia De Kol 3d 164130, A. W. Morris & Sons Corp. (Prior record 14.106 lb. fat from 457.6 lb. milk.)	2	3	26	332.0	3.71	12.316
Diotime Clyde Korndyke 152262, A. W. Morris & Sons Cor. (Prior record 11.324 lb. fat from 419.9 lb. milk.)	2	0	19	377.3	2.93	11.041
Bess Pietertje Ormsby Mercedes 154367, E. C. Schroeder (Prior record 15.598 lb. fat from 435.6 lb. milk.)	2	1	2	309.1	3.30	10.192
Nutula Fobes 2d 152267, A. W. Morris & Sons Corp. (Prior record 13.036 lb. fat from 383.3 lb. milk.)	2	1	1	291.3	3.34	9.739
Tirania Yankee Korndyke 2d 164226, James Phelan (Prior record 14.091 lb. fat from 367.3 lb. milk.)	2	1	27	274.5	3.47	9.521
Queen Piebe Mercedes 154610, E. C. Schroeder (Prior record 12.761 lb. fat from 347.9 lb. milk.)	1	10	12	226.0	3.62	8.177
Semi-official Yearly records Full Aged Class.						
Traverse Princess Weg 106215, T. City State Hospital	5	4	9	24657.4	3.65	898.93
Pontiac Ascalon 89059, F. F. Field Holstein Co.	6	11	2	22827.5	3.56	812.52
Isabella Clothilde Walker 64855, J. W. Dimick	10	1	15	22082.9	3.58	790.20
Phoebe Veeman Pauline Wayne 94599 Emblagaard Dairy	5	11	16	25214.1	3.09	778.56
La May 122176, Univ. of Nebraska	5	7	11	26660.3	2.90	773.49
Woodcrest Homestead Princess 78893, J. W. Dimick	7	3	8	22734.4	3.31	753.38
Irma Piebe De Kol 88702, Henry G. Beyer, Jr.	6	10	23	19403.4	3.51	680.65
Spring Brook Bess Burke 98734 E. C. Schroeder	6	2	14	19104.6	3.40	650.22
Johanna Theresa 2d 90779, A. L. Williams	6	7	22	18693.7	3.35	626.27
Total solids 2259.61 lb.						
Lucy Wadnah 69553, H. A. McQuillin	9	8	11	17493.8	3.56	621.97
Reed De Kol 73957, H. A. McQuillin	8	11	4	17555.2	3.36	589.58
Hark Korndyke De Kol 95649, James Phelan	5	8	21	15967.8	3.66	584.15
Pontiac Gerben De Kol 80368, Missouri Agr. College	7	9	14	20694.4	2.79	576.50
Total solids 2390.82 lb.						
Nydita 66559, A. W. Morris & Sons Corp.	9	2	28	20120.7	2.80	562.34
Castine Colantha Johanna 86119, W. S. Moscrip	7	1	16	17579.2	3.17	557.32
Daisy Clothilde Twisk Pietertje 95821, Emblagaard Dairy	6	5	5	15170.4	3.66	555.23
Pietertje Hengerveld Maid of Grouw 95520, J. B. Irwin	5	9	20	16237.5	3.34	542.05
Gelschecola Clyde 88196, W. S. Morscrip	6	11	6	14544.4	3.72	540.83
Mazie Marie 76529, H. A. McQuillin	7	9	15	16345.0	3.29	538.28
Sandy Pond Annie Ormsby De Kol 102301, J. W. Dimick	5	7	11	16037.0	3.35	537.11
Yankee Mary Korndyke 101922, James Phelan	5	4	23	14096.2	3.77	531.88
Golden Beauty De Kol 51273, L. J. Mosher	13	7	1	16145.9	3.22	520.16
Lady Becky Bohn Pietertje 110749, A. B. Caple	5	0	26	13936.1	3.70	515.32
LilithQueen Pauline 110568, F. S. Stimson	5	0	5	13718.1	3.68	504.27
Becky Pietertje 105543, A. B. Caple	5	7	21	13158.5	3.73	490.56
Hilldale De Kol Korndyke 100379, F. R. Lillie	5	10	25	13269.5	3.69	490.07
Total solids 1649.53 lb.						
Clothilde Veeman Sarcastic 96062, Univ. of Illinois	5	9	7	17718.1	2.75	487.69
Inka Hijlaard De Kol 76076, F. J. Searle	8	7	14	16016.6	3.02	484.32
Sprig Pietertje 106366, W. E. Bentley	5	5	11	14058.7	3.41	479.21
Jenny Wren Lassie 2d 62509, E. C. Schroeder	10	2	3	14767.8	3.20	472.54
Heilo Oak Burke 67590, Geo. Hetts & Sons	9	11	23	12990.8	3.46	449.01
Total solids 1520.31 lb.						

Johanna Theresa De Kol 2d 88747, A. L. Williams	7	1	17	13711.9	3.18	435.49
Total solids 1590.81 lb.						
Velma Clyde 81285, J. W. Dimick	7	4	5	12688.0	3.43	434.60
Vale Houwtje De Kol 96170, J. J. Nyenhuis	5	11	14	13240.1	3.28	434.04
Pietertje Witkop De Kol Pauline 97807, Christopher Graham	6	0	26	11096.4	3.76	416.77
Nancy Anna De Kol 80995, Nelson Bros	8	10	7	13255.9	3.05	404.36
Lily Warfield 105844, Alfred University	10	7	23	12320.5	3.25	400.15
Aralia De Kol of Riverside 93922, A. W. Morris & Sons Corp.	5	4	24	10240.5	3.88	397.82
Jane Korndyke of Riverside 93925, A. W. Morris & Sons Corp.	6	0	0	11168.5	3.45	385.43
Pauline Altoana De Kol 103538, G. G. Hartley	5	8	13	10293.4	3.72	382.62
Yankee Belle 101102, Nelson Bros.	5	11	29	9632.9	3.77	363.30
College Josephine De Kol 77032, Kansas State Agr. Col	7	9	1	9806.2	3.48	340.88
Senior Four-year-class.						
K. P. Abbekerk 107892, Stevens Bros. Co.	4	7	21	15298.7	3.89	595.31
Gelsche Alvina 2d 142144, J. B. Irwin	4	7	18	16175.1	3.52	569.35
Contenta Creamcup 111908, A. W. Morris & Sons Corp.	4	6	9	16843.7	3.28	553.31
Johanna Theresa Jewel 111686, A. L. Williams	4	11	25	15102.2	3.45	521.03
Total solids 1840.80 lb.						
Netherland Netta De Kol 2d Lass 111685, A. L. Williams	4	9	3	15033.7	3.35	503.03
Total solids 1778.02 lb.						
Lady De Kol Fries 139498, A. B. Caple	4	11	0	15207.9	3.10	472.07
Miss Skylark De Kol 113076, J. B. Irwin	4	10	0	13012.0	3.27	425.29
Woodcrest Lady Kate 105419, J. W. Dimick	4	9	25	11713.9	3.40	398.26
Junior Four-year-class						
Daisy Fairmount 121760, A. B. Caple,	4	2	28	16898.1	3.41	576.53
Rijaneta Clothilde 2d Maid 133387, F. R. Lillie	4	1	20	14459.7	3.74	540.49
Total solids 1830.20 lb.						
Ophelia Albion Queen 153190, A. B. Caple	4	3	4	13981.0	3.33	465.89
Grace Semantha 2d 118124, H. A. McQuillin	4	5	3	12092.4	3.51	423.97
Pietertje Floa Artis 114334, F. S. Stimson	4	5	13	9804.5	4.13	404.54
Senior Three-year-class.						
De Kol of Valley Mead 2d 127017, A. W. Morris & Sons Corp.	3	8	0	17709.3	4.09	725.02
Buffalo Lizzie 109977, R. B. Young	3	11	27	17610.4	3.92	690.31
Miss Pietertje Johanna De Kol 116193, L. J. Mosher	3	6	24	19566.6	3.46	676.58
Walker Pietertje May Rosa 142684, R. E. Chapin	3	10	2	16381.2	3.68	603.26
Leda Gerben Alcartra 117402, A. W. Morris & Sons Corp.	3	11	28	19972.4	3.02	602.48
Edith Burke Hengerveld De Kol 127665, Fred Pabst	3	9	3	16207.9	3.42	553.51
Total solids 1961.42 lb.						
Lady Bawn De Kol 2d 130091, H. A. McQuillin	3	7	29	16287.9	3.34	544.18
Holiday Maid Lulu Hengerveld 131019, Peter Reiss	3	6	23	12810.6	3.85	493.17
Total solids 1633.84 lb.						
Yankee De Kol Hark 127083, James Phelan	3	11	2	14117.2	3.36	473.67
Oak Grove Thelma, 118071, M. W. Downing & Bro.	3	11	22	12346.4	3.62	446.72
Total solids 1559.06 lb.						
May Belle Barnum 153189, A. B. Caple	3	11	9	11839.0	3.28	388.61
Junior Three-year-class.						
Buffalo Aaggie Beets 121152, R. B. Young	3	3	3	22485.7	3.32	745.95
Aaggie Wayne Peep 131420, E. C. Schroeder	3	4	8	18500.8	3.76	695.61
Colantha Hark Korndyke 145400, James Phelan	3	3	19	17476.6	3.39	592.71
Buffalo Parthenea Skylark 124515, R. B. Young	3	0	25	18327.8	3.17	580.52
May Rosa 5th Pietertje 143287, R. E. Chapin	3	1	8	16006.5	3.50	559.54
Butter Maid De Kol Netherland 129571, Minn. State Asylum	3	0	23	13510.8	3.93	530.66
Woodlawn Pinkaline Cornucopia 148108, J. T. Williams	3	0	22	11359.1	3.69	418.99
Total solids 1426.90 lb.						
Queen of the Hengervelds 140485, F. S. Stimson	3	2	10	11906.3	3.07	365.00
Korndyke Sarcastic Jolie 137453, Colorado Agr. College	3	2	9	10910.1	3.27	357.27
Houwtje Akkrum Korndyke 141901, John W. Worthington	3	2	22	8967.4	3.46	310.55
Leda Hartog Pietertje Queen 133176, F. J. Searle	3	3	10	10802.6	2.78	301.37
Senior Two-year-class.						
Paula of Chagrin Falls 4th 142528, J. W. Dimick	2	8	19	20153.0	3.61	744.53
K. P. Jewelinel39974, Stevens Bros. Co.	2	10	13	16241.1	4.08	663.06
Tennessee Walker Pietertje 143284, R. E. Chapin,	2	10	10	17505.6	3.64	637.88
K. P. Segis Rose 142572, Stevens Bros. Co.	2	9	13	14729.2	3.93	579.24
Daisy Bohn Columbo 138357, A. B. Caple,	2	7	19	12392.5	3.43	424.47
V. P. I. Javoca De Kol 130963, Va. Polytechnic Institute	2	8	16	10891.9	3.85	418.97
Yankee De Kol De Yong Colantha 148726, Nelson Bros.	2	8	4	11138.6	3.39	377.05
Lady Young Maid Woodcrest Lad 135503, Tennessee Exp. Station	2	7	13	9024.9	3.67	330.86
Glen Canary De Kol 131389, E. C. Schroeder	2	11	6	8530.4	3.43	292.34
Junior Two-year-class.						
Fytje Pietertje Ormsby Mercedes 155359, E. C. Schroeder	2	0	19	18431.7	3.40	626.68
Pabst Pontiac Burke 135439, Fred Pabst	2	4	28	15616.3	3.46	540.14
Total solids 1880.06 lb.						
Woodland Wilhelmina 2d 162538, A. W. Morris & Sons Corp.	2	2	8	16387.7	3.20	524.64
Buffalo Inka Johanna 140260, R. B. Young	2	2	18	15593.0	3.31	515.81
Buffalo Lizzie Beets 142766, R. B. Young	2	0	17	17822.9	2.84	505.91
Pinehurst Josephine Lady 157882, Peter Reiss	2	4	14	14907.3	3.29	491.19
Total solids 1763.86 lb.						
Fairmount Posch De Kol 2d 162022, B. B. Davis	1	11	5	12173.8	3.77	459.07
Pinehurst Chloe 157884, Peter Reiss	2	0	27	14437.9	3.16	456.21
Total solids 1726.74 lb.						
Kate Pietertje Ormsby Mercedes 155358, E. C. Schroeder	1	11	18	12270.4	3.50	429.63
Pabst Hengerveld Ormsby 145036, Fred Pabst	2	1	1	13595.5	3.14	426.33
Total solids 1612.60 lb.						
Maid of Excellence 3d 160770, A. B. Caple	2	2	29	12875.4	3.24	416.95
Pabst Aaggie Hengerveld 145037, Fred Pabst	2	0	3	12662.0	3.14	397.19
Total solids 1,473.04 lb.						
Sunfield Columbo 154075, A. B. Caple	2	2	27	10733.3	3.65	391.38
Miss Hengerveld Clothilde Burke 137418, A. W. Morris & Sons Corp.	2	4	0	12298.8	3.14	38569
Westside Baroness Mona Hartog 141007, Emblagaard Dairy	2	1	15	12794.0	2.93	374.34
Emblagaard Clothilde 153856, Emblagaard Dairy	2	0	2	12948.0	2.88	373.43
Buffalo Eona Johanna 142765, R. B. Young	2	2	23	12470.3	2.94	366.25
Ormsby Jessie De Kol 2d 149662, John W. Worthington	2	0	12	9087.6	3.60	327.48
Dutchland Colantha Schuiling 154546, F. F. Field Holstein Co.	2	4	27	8731.3	3.30	288.29
Pinehurst Sue 157886, Peter Reiss	2	1	8	7088.6	3.76	266.43
Total solids 908.03 lb.						
Lilly Pietertje Aaggie 161982, E. C. Schroeder	1	7	22	7310.4	3.56	260.57

PUBLIC SALE CALENDAR

Feb. 12, 1914— Hamilton, N. Y. Bluff Point Stock Farm, C. H. Wheat. Dispersion.

Feb. 13, 1914—Ithaca, N. Y. Fourth Annual Sale of Surplus Animals. New York State College of Agriculture.

Feb. 24, 1914—Louisville, Ohio. Dispersion Sale. William Justice. 40 head.

Feb. 25, 1914—Elkhorn, Wis. 60 head. Dispersion. Voss & Turner.

March 10-11, 1914—Sale Pavilion, Syracuse, N. Y. Breeders' Consignment Sale Co. Seventeenth Public Sale.

April 7-8, 1914—Syracuse, N. Y., C. F. Hunt.

April 14, 1914—Alta, Ill. I. J. Case and J. W. Garvey. E. M. Hastings, sale manager.

April 15, 1914—Cortland, N. Y. Beard's sale.

April 21-22, 1914—Algonquin, Ill. R. E. Haeger.

April 22, 1914—Howell, Mich. Howell Consignment Sale Co. 100 head.

April 27, 1914—Youngstown, Ohio. Complete Dispersion. Idora Place, Wm. Bakody. 90 head. E. M. Hastings, sale manager.

April 28, 1914—W. C. Jewel. Dispersion Sale. Kinsman, Ohio. 90 head. E. M. Hastings, sale manager.

May 5-6, 1914—Syracuse, N. Y. New York State Breeders' Sale Co.

May 13-14, 1914—Sale Pavilion, Syracuse, N. Y. E. M. Hastings. 1914 sale.

May 20-21, 1914—Sidney, N. Y. Tri-County Holstein-Breeders' Association. Second Annual Sale.

May 26, 1914—Worcester, Mass. Third Annual New England Breeders' Sale.

June 4-5, 1914—Chicago, Ill. Western Breeders' Consignment Sale Co.

October 21-22, 1914—Barrington, Ill. Barrington Breeders' Association. Semi-annual.

That the reputation of the Holstein-Friesian breed rests upon a broad foundation is shown by the large number of families that have attained prominence on account of superior producing and transmitting ability. The Walker, Johanna, Burke, Pietertje, Veeman, Prilly, Lyons, and Colantha names are only a few of the many that are constantly in evidence in connection with the great records of the present. It is interesting to note that animals of the "Old Reliable" type, of which De Kol 2d's Butter Boy 3d and Hengerveld De Kol are good examples, are continuing to hold their own, notwithstanding their lack of popular exploitation. Merit wins among Holsteins as elsewhere, and with so many strains that are meritorious, the permanence of the breed is amply provided for.

—E. M. H.

The senior 3-year-old, Homestead Susie Colantha, owned by Laidlow Brothers, makes a 7-day record of 26.50 lb. butter in seven days, 109.98 lb. in 30 days. These records place her third in the 7-day division and second in the 30-day.

Jan. 26, 1914.

Editors H.-F. World:

The dam of another bull calf to be sold at the coming sale of Surplus Animals on Feb. 13th at the New York State College of Agriculture, has just increased her record of 15 lbs. of butter to over 25 lbs. as a four-year-old and has two 30-lb. sisters.

Yours truly,

J. B. Bain.

Another Good One

We have sold the bulls we advertised but now have another ROYAL BRED ONE by Maplecrest De Kol, full brother to the World's Champion 4-year-old and his dam is a producing daughter, with a good record, of Friend Hengerveld De Kol Butter Boy. This calf is good enough for any one. Write for pedigree.

Beach & Wirt - Battle Creek, Mich.

GRANDSONS OF PONTIAC KORNDYKE

All from A. R. O. dams. Write for pedigrees, photographs, and prices, to

HARTWOOD FARMS

E. K. Magee, Supt. **Barrington, Ill.**

FOR SALE

Maple Valley Pontiac Korndyke

Born January 24th, 1912

Sired by one of the best sons of Pontiac Korndyke. Dam 22.61 lbs. Jr. three-year-old, whose sire is a grandson of Johanna De Kol Van Beers 40.07 lbs. Reason for selling, I have a young son of Pontiac Korndyke, from the same heifer.

Send for pedigree and price.

ALLEN G. BROMLING,

Morristown New York

WATER IN THE STABLE A NECESSITY- - -

THE "BUCKLEY" Device

for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.

POUGHKEEPSIE FOUNDRY & MACHINE CO.

Poughkeepsie, N. Y.

THE STANLEY ENGRAVING CO.,

Designers

Photo-Engravers Zinc Etchers

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.

Library Bldg., Tioga St., Ithaca, N. Y.

BOND CENTURY FARM

Canastota, N. Y.

Grandsons of King of the Pontiacs, from A. R. O. dams for sale. Address

W. E. BOND, Potsdam, N. Y.

Or call at the farm, W. A. Hotchkiss, Manager.

Typewritten Pedigrees

On the best quality paper 9 1-2 x 14 with diagram

No. 2—14 ancestors Blue Book records (3 for $1.00), 35c.

No. 5—14 ancestors up to date pedigree in 2 colors, 75c.

Carbon copies, 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs address **F. G. JOHNSTON, 37 W. Lane Ave., Columbus, Ohio.**

PROSPECT HILL STOCK FARM

The two bulls advertised are sold, but have one left—eight months old and a dandy. Also one six-year-old cow, due to freshen by Sir Tirania Segis, his dam a 30-lb. daughter of De Kol Hengerveld Burke. She is a good one and right in every way. Tuberculin tested. tf.

H. T. FULLER Peru, N. Y.

PAUL CALAMO KORNDYKE 3d

—not only rivals his sire in conformation but also is producing showy record daughters. We would like to sell him now for breeding at about beef prices because we have little further use for him. Particulars on application.

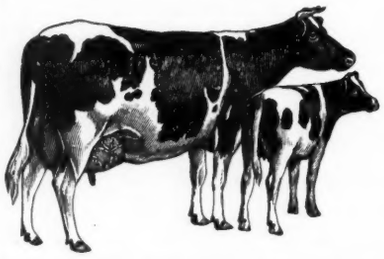
F. B. & W. P. SPRAGUE, Smyrna, N. Y.

NO EXCESS of FAT IN HOLSTEIN COWS' MILK.

Prof. M J. Rosenau of Harvard Medical School says in his book, "THE MILK QUESTION."

"The researches of Hubner, Keller and Czerny show that the fats are more often the cause of much of the digestive disturbances in infants than the proteins. When the fat is excessive in amount, the infant at first seems to thrive but sooner or later loses weight and appetite and shows other symptoms of ill health.

"At the same time the stools become a pale gray, hard and dry in consistency and are composed largely of fatty soaps. The alkaline bases which are deficient in cows' milk are largely drawn from the body to saponify the excessive amount of fat in the intestines:—a condition resembling acidosis may then appear. As a result of the deranged digestion, fermentation takes place in the intestines and the so-called catastrophe ensues."



Holstein Cows' milk with its moderate fat content, fine emulsification and comparative freedom from the volatile glycerides, is the choice of every careful student of Infant Feeding.

HOLSTEIN-FRIESIAN ASSOCIATION - BRATTLEBORO, VT.

Box 182

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. Dam of calf, a 19-lb junior 2-year-old with a 76-lb. 30-day record. She is a granddaughter of KING OF THE PONTIACS. The sire, a grandson of King Segis, has a 31.63-lb. average for his two nearest dams. For price write

S. B. TAYLOR, CANASTOTA, N. Y.

ON YOUR LAST CUTS DID THE ENGRAVER PAINT OFF THE HORNS OF THE BULL AND NOT KNOW IT?

If you have had trouble in getting good cuts of your Holsteins send them to me and tell me in cow language what you want to show and I will make the plates the way you want them for I have owned a few Holsteins myself.

C. F. TELLER, Pres.

ONONDAGA PHOTO-ENGRAVERS, INC.

220 West Onondaga Street Syracuse, New York

We make cuts for the Holstein-Friesian World.

MARBLE VALLEY STOCK FARM

Sires in Service.

Fairview Korndyke Lad a son of Pontiac Korndyke and Pontiac Pet; butter 37.68, milk 590.70, per cent fat 5.10.

Inka Princess Mutual DeKol Son a son of Pontiac Paul and Inka Princess Mutual De Kol, butter 33.25, milk 711.90; 30 days, butter 128.73, milk 3145.3.

We offer bull calves by the above sires from A. R. O. dams, calves are from one to three months old. For price and pedigree write

J. H. MEAD & SON, West Rutland, Vt.

JENNINGHURST STOCK FARM

TOWANDA, PA.

Home of **RAG APPLE KORNDYKE** the greatest son of Pontiac Korndyke, offers a few choice bull calves.

W. W. JENNINGS, Towanda Pa.

FOR SALE--TWO 32.1-lb BULLS

Sons of Flamboro Witzyde De Kol 2d No. 122892, who has just completed a record of 32.10 lb. butter, 570.7 lb. milk, in seven days.

No. 1—Born Jan. 2, 1913. Sire—King Pontiac Pietertje, a son of KING OF THE PONTIACS and Pontiac Pietertje Princess, (25.03 lb. butter at 3 yr.)

No. 2—Born Dec. 20, 1913. Sire—Sir Korndyke Pontiac Artis Jr., who is by Sir Korndyke Pontiac Artis, and from Maud Veeman Hengerveld, a 30.2-lb. 4-yr-old daughter of Sir Veeman Hengerveld.

These bulls are nicely marked, and fine individuals.

CHAS. C. DISBROW Norwalk, Conn.

RIVERSIDE STOCK FARM

Offers H.-F. bull calf born April 26, 1913. Sire, King Hengerveld Segis, whose dam and sire's dam average 30.91 lbs. in 7 days. Dam, Zerma Cornucopia, made 23.-175 lbs. at 4 years. Price $200.

A. W. BROWN & SONS
West Winfield, N. Y.

FOR SALE

A 25-lb. bull ready for service, also a bull calf from a 20.336-lb. dam and one from a 17.5-lb. junior two-year-old heifer, and others with world's record blood on both sides. Address,

RELIANCE STOCK FARM
W. H. ASCOTT, Prop. Sparta, Wis.

FOR SALE

Bull born Dec. 3, 1912; seven-eighth white, from an A. R. O. cow—a dandy. Bull born May 3, 1913, straight as a line, from a 22-lb. daughter of Butter Boy 3d. Write for price and pedigree to (tf.)

W. L. KEYES, Deerfield, N. Y.

Alfalfa Hay

COLORADO IRRIGATED.

We ship only high-class hay.

GEO. R. WILSON, Lamar, Colorado.

27.6 lb. YEARLING BULL

Half white. Four of his nearest dams average 27.6 lb. Sire—Sir Maida Piebe De Kol, who was from a 29-lb. daughter of De Kol 2d's Butter Boy 3d, and by a sire whose two nearest dams are both 30-lb. cows. Dam—Mechthilde Parthenea De Kol 3d, 125558, a 19.41-lb. 3-yr-old daughter of Changeling Butter Boy, a full brother to Ready Change (31.16 lb.). Price $125.00.

GEO. F. BLEWER EST.,
Newark Valley, N. Y.

MILFORD MEADOWS STOCK FARM
HOLSTEIN-FRIESIANS

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families. Developers under normal conditions. Some surplus usually on hand.

H. B. Favill, Prop. **H. W. Faville,** Manager

ISLAND HOME FARM

Offers grandsons of Pontiac Korndyke, by Sir Beets Korndyke 91212. His dam, Fairview Beets Korndyke, has a record of 27.02 at 4 years. She is a sister to Pontiac Lady Korndyke, 38.08. Bulls are nicely marked and out of well bred A. R. O. cows. For further information write W. B. Dodds & Son, No. Hero, Vt.

KING SEGIS CHAMPION 71546

World's record average; first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL,
Stewartsville, Warren Co., N. J.

Hengerveld De Kol and King Segis

We offer three bull calves whose sire was by a son of Hengerveld De Kol, and from a 25.55-lb. daughter of King Segis.

No. 1—Born April 28, 1913, nearly all white; extra individual, large, nearly ready for service. Price $75.00.

No. 2—Born Sept. 22, 1913, out of a 16.23-lb. 4-year-old. 2-3 white, a fine individual. Price $75.00.

No. 3—Born January 1, 1914. 2-3 black, good shape; from a large fine cow. Price $35.00.

C. H. HAZEN & SON
R. D. No. 3 Whitefield, N. H.

HILLSIDE STOCK FARM

Offers for sale bull calf born July 28, 1913, a fine individual, three-fourths white. Dam, a daughter of Pontiac 4th. Sire, Sailor Boy Artis. Will sell this bull at a bargain.

STANTON OSTERHOUT
Cobleskill, N. Y.

WANTED—Experienced dairyman and farmer, married, preferably with son old enough to act as helper. There must be two milkers. Must understand feeding, and should be able to make some official tests. In summer to assist with the raising of crops for the herd. Steady position for a hustler. Write with full particulars concerning what you can do, wages expected, and references.

A. P. Larimer, West Newton, Pa.

MAPLE RIDGE HERD

has for sale at reasonable prices, a few bull calves sired by Maple Ridge King Pontiac, No. 64330, a brother of the new world's record cow. These calves are nearly all from A. R. O. dams, and will be priced right. Write for pedigree and prices to

C. H. FITCH & SONS - - Burlington Flats, N. Y.

HORNLESS HOLSTEIN-FRIESIANS

Registered in the Holstein-Friesian Herd Books. Don't burn, cut or saw the horns off. Breed them off. A naturally hornless bull calf from our herd will give you polled calves from your horned cows. The hornless trait was recognized by the Holstein-Friesian Association in March, 1887, see Vol. 3, Bulls, page 28. Buy a hornless bull from an A. R. O. sire and dam. Catalogue will be mailed on application.

THE HORNLESS HOLSTEIN FARM
Geo. E. Stevenson & Sons Waverly, Penna.

ST. LAWRENCE VALLEY FARMS

CONSTABLE, N. Y.

Herd sires—Prince Segis Korndyke 7th. Sire, Prince Segis Korndyke. Dam, Duchess Hengerveld, 24.90 butter 7 days at 4 years. Sir Fairview Manor Korndyke. Sire, Pontiac Korndyke. Dam, Fairview Manor Korndyke, 27.82 butter 7 days at 3 years, average per cent fat 4.49. Bull calves from A. R. O. dams for sale. tf.

R. C. WILSON & SON, Proprs.

THE BLOOMINGDALE HERD SIRES

Johanna Rue 3d's Lad, Hengerveld De Kol, and King Fayne Segis form a splendid succession of sires. Our herd consists almost entirely of their descendents.

At present we have in service:

Prince Hengerveld Fayne, No. 77461.

He was by King Fayne Segis and from Princess Hengerveld De Kol, (33.61 lbs.), who was by Hengerveld De Kol and from a 23-lb. daughter of Johanna Rue 3d's Lad. The records of his dam and sire's dam average 34.59 lb.

Beauty Walker Pietertje Prince, No. 7421.

His sire was from a 32-lb cow and by the best son of Beauty Pietertje (30.51 lb.), the best daughter of the foundation cow, Prilly.

His dam, Marion Walker Pietertje (31.63 lb.), is the only 30-lb. cow in the world whose dam and both grandams are all 30-lb. cows.

His six nearest dams (all 30-lb. cows) have records averaging 31.65 lb.

In the past the Bloomingdale Sires have made good. We are content to base our future reputation on our present sires.

If you want to breed the money-making kind, secure a bull bred in the Bloomingdale lines.

Jacob Reger, Supt. Address **A. A. CORTELYOU, Prop.**
Belle Mead, N. J. Somerville, N. J.

GRAHAMHOLM HERD HOLSTEIN-FRIESIANS

Home of **Aaggie Cornucopia Johanna Lad Jr. (36974).** The greatest prize winner and sire of prize winners of any bull of the breed. He has 36 A. R. O. daughters. We have several sons of this great bull for sale. Some old enough for service—all from choice A. R. O. cows. We also offer **Sir Winana Beets Segis 52928,** a son of King Segis and from a 24-lb daughter of Paul Beets De Kol, and a very choice two-year-old grandson of King Segis.

Address **W. J. BOYNTON, Manager, Rochester, Minn.**

A GOOD CHANCE TO GET GOOD BULLS.

The Annual Sale of Surplus Animals of the New York State College of Agriculture, February 13, 1914, will include Woodcrest Pietje Ormsby 54909, 5 years old, sire of seven A. R. O. daughters; sire, Pietje 22d's Woodcrest Lad; dam, Pauline Ormsby (A. R. O. 26.87, semi-official, 827.31); also Junior Student, born February, 1913, by Woodcrest Pietje Ormsby, out of Glista Ernestine (Junior 4-year-old, A. R. O. 30.512; 30 days, 123.69); also Double Glista Pietje, born December, 1912, by Cornell Countryman, out of Glista Fenella, daughter of Glista Ernestine (Junior 2-year-old, A. R. O. 15.85), and half a dozen other younger calves, by Woodcrest Pietje Ormsby, out of dams with good Advanced Registry backing. Catalogue ready January 15th. Address

H. H. WING, Cornell University, Ithaca, N. Y.

SIR VEEMAN HENGERVELD

47 A. R. O. daughters
5 with records of 30 to 33.69 lb.
(4 of these as 4-yr-olds)
20 with records above 25 lbs.
35 with records above 20 lbs.

No other living sire has as many 30-lb. daughters.

No other sire living or dead, with half as many A. R. O. daughters, can approach this showing with respect to percentage of 20-lb or 25-lb daughters.

Offering No. 1 -- A Son of Sir Veeman Hengerveld, Born June 10, 1913

A very thrifty, well grown youngster (like all of Sir Veeman Hengerveld's get); a fine individual, nicely marked.

DAM—De Kol Pietertje Veeman Emma.
A. R. O. at 4 years—
Butter..... 21.41
Milk.....483 00

This record was made in hot weather, and is no indication of her capacity. She will be retained in my herd, and given a chance to make a large record at next freshening. She was by SIR VEEMAN HENGERVELD, and from a daughter of De Kol Pietertje Prince 2d. This combination has produced a very large percentage of the best daughters of Sir Veeman Hengerveld.

At our price this calf will not remain long unsold.

For pedigree, etc., address

W. D. ROBENS

Pleasant Hill Herd **Poland, N. Y.**

FOR SALE

30=POUND BULL

Born December 15, 1913.

(May be named by purchaser).

Good size; perfect conformation; more white than black.

Average of three nearest dams:
Seven days— 561 53 lb. milk, **30.67** lb. butter.
Thirty days—2414.67 lb. milk, **120.40** lb. butter.

Sire—Lewis Prilly Rouble Hartog 2d.
His first dam—Addie De Kol Hartog,
(518.70 lb. milk, 30.50 lb. butter at 4 yr, 1 mo).

Second dam—Abby Hartog Clothilde,
(605.30 lb. milk, 31.39 lb. butter).

Dam—Meadow Brook Prilly Daisy.
(At 3½ yr. 560 lb. milk, 30.123 lb. butter).

Dam's Sire—Sir Prilly Walker, who with his fourteen nearest ancestors have produced 82 of the 30-lb cows—nearly half of all the 30-lb. cows of the world

JOHN C. SHARPE

BLAIRSTOWN, N. J.

At our price this calf will not remain long unsold.

FINDERNE STOCK FARMS

HOME OF WORLD'S CHAMPION COWS—RECORDS FOR 1912

Valdessa Scott 2d is the first cow in the world that ever made over 40 lbs. butter in 7 days. She broke both the 7 and 30-day world's records by big margins. Her official records are, 41.875 lbs. butter from 695.1 lbs. milk, 4.84% fat. No cow living or dead, ever made within a half-pound of butter per day of this record. Her 30-day record is 164.27 lbs. butter from 2933.9 lbs. milk, 4.48% fat.

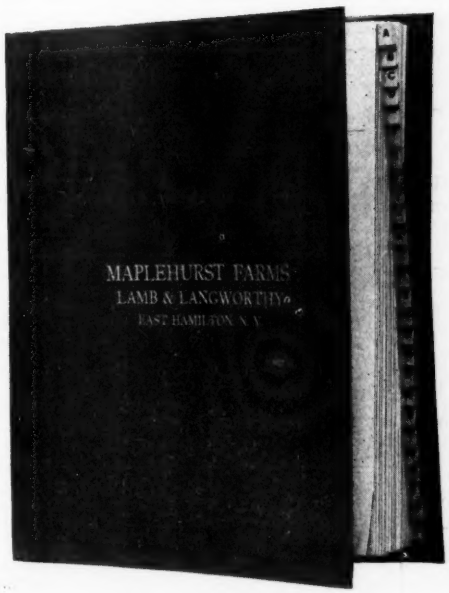
Name	Butter	Milk	%fat	Days		Butter	Milk	% fat	Days
Finderne Pietertje Johanna	35.103	637.9	4.40	7	(Jr. 3-yr)	141.90	2725.9	4.16	30
Wachusett May, 4 yr., 4 mo.	34.08	621.5	4.37	7		134.46	2689.5	3.99	30
						257.80	2536.5	3.94	60
Pauline Alexis, 10 yr. old	32.155	635.5	4.07	7		128.22	2629.8	3.99	30
						237.43	5235.0	3.63	60
Finderne Pride Johanna Rue	31.16	607.6	4.09	7	(Jr. 3-yr)	121.45	2535.4	3.83	30
Finderne Pontiac Netherland	28.26	567.5	3.98	7	(Jr. 2-yr.)	110.72	2329.4	3.80	30
Finderne Wayne Pontiac	25.69	462.6	4.42	7	(Jr. 2-yr.)	98.41	1959.6	3.99	30
Valdessa Ormsby	24.29	499.3	3.91	7	(3 years)	97.19	2018.9	3.87	30
Valdessa Ormsby De Kol	23.71	455.8	4.17	7	(Jr. 2-yr.)	92.19	1848.9	3.99	30

There are also many more cows here that have made very fine records.

We have a few bulls from high record cows for sale. For prices and pedigrees, address,

BERNHARD MEYER, FINDERNE, SOMERSET CO., N. J.

Successful Breeders



know their herds. Do you know yours? We give you the up-to-date details that you cannot get elsewhere in our Ideal Loose-Leaf Herd Register.

Comprising three two-color typewritten four-generation pedigree charts of every animal in your herd. with supplementary leaves for service records, and all your herd bookkeeping.

The pedigree sheets measure 8½ x 11 inches, and have diagrams on the back for color markings the same size as on certificates of registry.

The flexible red leather cover (an important improvement over the spring-ring binder we first used) holds the leaves together as firmly as in a strongly bound book, though admitting of instant release by the slight pressure of a finger.

No rings or strings to tear the paper The book may be held up by a single leafwithout injury to the perforations.

This system has the best loose-leaf binding device and is mechanically the handsomest, most convenient and durable outfit that we can obtain. It is manufactured expressly to our order by The John C. Moore Corporation—the leaders in their line.

This product of a dozen years' experimenting, now a well demonstrated success in many leading herds, is eminently practical—it works.

For further information and sample herd-register pedigrees, write

E. M. HASTINGS - - Lacona, N. Y.

Auray Farms

We offer, subject to prior sale a four months bull calf, sired by our **KING SEGIS PONTIAC CLORINDA** (a ¾ brother to King Segis Pontiac Alcartra). Calf is therefore a great grandson of: **KING OF THE PONTIACS, KING SEGIS and PONTIAC CLOTHILDE DE KOL 2d**, 37.22.

Individually he is one of the handsomest we have ever offered—unusually large for his age, exceptionally straight and level, and about half black and half white. A big beauty.

Dam is a very large and beautiful young cow as yet untested. We have just bred her to freshen in cool weather next time, and will give her an A. R. O. record barring accident.

Price **$100** and a bargain.

Crated and f. o. b. Sparta, including all papers.

Satisfaction guaranteed or money refunded.

Auray Farms

F. M. AVERY I. M. AVERY

Sparta, Sussex Co., N. J.

"THE ASYLUM HERD"

We raised and developed Pontiac Korndyke and Hengerveld De Kol, and our herd chiefly consists of daughters and granddaughters of the above celebrated sires. Do you want a bull calf carrying this breeding? If so, send for pedigrees and prices.

PONTIAC STATE HOSPITAL, Pontiac, Mich.

COL. C. L. PERRY

THE HOLSTEIN AUCTIONEER.

I also sell satisfaction.

COLUMBUS, OHIO.

Yearling Bull for Sale

KORNDYKE ABBEKERK PRIDE
No. 113839

Born January 4, 1913.

Fine individual, light colored, and richly bred, combining the blood of Pontiac Korndyke, Hengerveld De Kol, Johanna Aaggie 2d's Lad, Pietertje Hengerveld's Paul De Kol and other noted sires.

Price $100.00

UNITED BREEDERS' ASSOCIATION
Wyalusing, Pa.

FOR THE BOYS AND GIRLS

who are ambitious to earn money, we have an attractive proposition. A postal card request will bring you our offer.

A 36-lb. Average

Brothertown Farms offer a bull born December 23, 1913, whose two nearest dams average 36.32 lb. in seven days; 142.13 lb. in 30 days. The sire is the $15,000 son of the 44-lb. cow.

The dam is one of the best daughters of Hengerveld De Kol.

For pedigree and complete description address

QUENTIN McADAM
23 South St., Utica, N. Y.

YOUR HOLSTEIN SALE
needs
MACK
Always on the job—for RESULTS.
In the box or in the ring.
For dates address
COL. J. E. MACK
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HOLSTEIN AUCTIONEER

To insure the success of your sale you need Kelley in the box.

For dates write

Col. B. V. KELLEY. Syracuse, N. Y.

WALKER LILITH ALTOANA

Only bull in the world whose dam's 2-year-old and 3-year-old records average over 30-lb.

Send for pedigree.

HAROLD F. HUBBS, Kirkville, N. Y.

Cannot afford to be without the World. Lakewood Farm,
M. W. Wentworth, Sec.,
Battle Creek, Mich.

FOR SALE—Must sell 15 or 20 pure-bred cows and heifers at once. Tuberculin tested and right in every way. Every cow in my herd a regular breeder. Some with A. R. O. records, well bred and good individuals. If you want that kind, come and see them.
J. G. HORNER Lamson, N. Y.
17 miles north of Syracuse on D. L. & W. Railroad.

A. R. O. TEST BOOKS

Do you have anything to show for the day by day production of your high record cows?

A business-like book for keeping eighty official records in detail. **Price $1.00**

If your cows are profit producers, it will show to best advantage on our heavy manilla daily record milk sheets.

Space for 15 or 20 cows . **50c** per doz.
" " 25 or 30 cows . **60c** " "
" " 35, 40 or 45 cows **75c** " "
We pay postage.

The Corse Press
Sandy Creek, N. Y.

HOLTSEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—VOLUME 24

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, lists of cows tested during that year with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others—$2.00, prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

Fountain Valley Herd Sale

50-Pure Bred Registered-50 Tuberculin Tested Holstein-Friesian Cattle

To be Sold at Public sale

THURSDAY, March 19, 1914

at the

Fountain Valley Stock Farm

three miles east of Apple Creek, Wayne county, Ohio, on the C. A. C. R.R.

The offerings in the sale will include a very fine bull, sired by Pontiac Korndyke Hengerveld De Kol.

Seven grandsons and twelve granddaughters of Pontiac Hengerveld De Kol.

Also 30 head of cows and calves from 1 month to 6 years old.

Here you can get breeding of high quality and individuality unsurpassed at your own price.

Shall hope to see many familiar faces

Col. D. L. Perry
Auctioneer

Dr. C. R. Sprunger
Owner of Herd

Wanted

Position as Herdsman by a married man with some experience. Good habits and a worker.

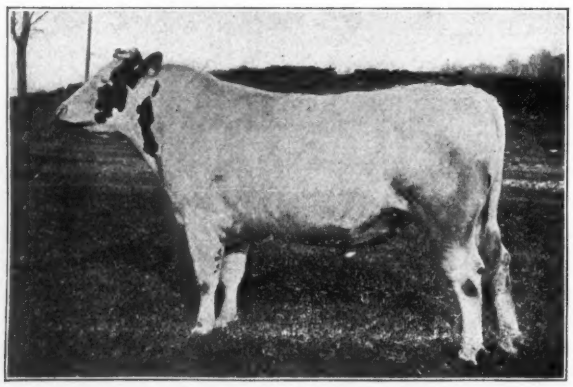
W. E. THOMPSON,
R. 3, East Syracuse, N. Y.

TROUT BROOK HERD

Headed by King of the Pontiacs 4th, one of the best sons of his dad. Nothing for sale at present.

W. H. HORSTMAN, Schenectady, N.Y.

Korndyke Butter Boy, 38496



Successor to Pontiac Korndyke, at the head of the Davisdale Herd. Korndyke Butter Boy carries 87½% of the blood of the three greatest foundation cows of the breed—Belle Korndyke, De Kol 2d and Netherland Hengerveld.

Korndyke Butter Boy, individually splendid, and already in the front rank as an A. R. O. sire was secured especially to breed to our daughters of **PONTIAC KORNDYKE** and **KING OF THE PONTIACS.**

His daughters will not be for sale, but we have engaged this space for a year to tell you about his sons. If you are interested in the combination of breeding that no other herd can offer, write us, mentioning the World.

DAVISDALE FARM

H. B. DAVIS, CHESTER, Orange Co., N. Y.

Lacona Breeders

Henry Stevens & Son—ad. on back cover page.

BROOKDALE HERD, two miles north of Lacona, is a breeder's herd, and has only its own surplus to offer. This herd was built up from good foundation stock purchased from Henry Stevens & Son, and has always been headed by high class bulls, the present herd sire being a son of King Pontiac Artis and from a 25-lb. dam. A few calves and heifers usually for sale.
J. D. Hagan, Mannsville, N. Y.

HOMESTEAD HERD. The blemished cows previously advertised are sold. We can now offer some extra nice young cows and heifers, right in every way, bred to Albina Butter Boy—the 29.7-lb. son of De Kol 2d's Butter Boy 3d. These are the profit producing kind. Their next calves will be worth nearly as much as we are asking for the cows themselves.
D. J. Hollis, Lacona, N. Y.

AT THE EDGE OF THE VILLAGE of Lacona is a herd worth looking into. Its members are fine individuals of considerable breeding, and many of its females have been bred to Henry Stevens & Son's great young bull, Spring Farm King Pontiac 6th. Next spring we may have some calves of this breeding to offer for sale.
Jay Bettinger, Lacona, N. Y.

Having Sold My Farm

will offer my herd, consisting of 7 pure bred cows (one bred to the 44-lb. bull, Spring Farm Pontiac Cornucopia); 1 bull (a 25-lb. son of King Hengerveld Segis) just past a year old and a fine individual; and 6 excellent grade Holsteins. **Any or all will be sold at bargain prices.**
R. D. REYNOLDS, Lacona, N. Y.

LACONA HERD, headed by Jewel Korndyke Butter Boy, a son of De Kol 2d's Butter Boy 3d from a 26-lb. daughter of Pontiac Korndyke, next dam a 30-lb. daughter of Hengerveld De Kol and full sister to Pontiac Artis, 31.71 lb., these two sisters averaging over 1000 lb. butter each in yearly test.
We have a few cows bred to the 44-lb. bull, Spring Farm Pontiac Cornucopia.
B. E. Mead, Lacona, N. Y.

SON OF THE 44-lb. $15,000.00 BULL—Spring Farm Pontiac Cornucopia. Dam is Jewel Johanna De Kol 2d, 102230. Has just completed a 7-day record of 21.76 lb. butter. Gave over 80 lb. milk in a day. Calf is 6 mo. old. The records of his dam and sire's dam average **32.97-lb.** A bargain bull.
Colvin & Deshane, Richland, N. Y.

WHEAT HILL HERD offers a six months old son of Sir Korndyke Wayne (a 28-lb. son of Sir Korndyke Manor De Kol), from one of the best daughters of De Kol 2d's Butter Boy 3d. Price very reasonable.

Will soon have calves by Albina Butter Boy.
W. J. Snyder, Lacona, N. Y.

KING OF THE PONTIACS. Pontiac Artis (31.71-lb.), Pietje 22d (31.62-lb.), Prilly (25.2-lb.), the "Queen of the Breed," Homestead Girl De Kol Sarcastic Lad, and the former world's champion 2-year-old, Woodcrest Aaggie Jewel, are all prominent in the pedigree of a December bull calf we are offering. He is evenly marked, and a nice straight individual. Price is VERY low. For full information address
H. A. Prescott, Bellevue Herd, Lacona, N. Y.

PINE RIDGE HERD. Calf advertised last time went to North Carolina. We shall have other offerings to make from time to time during the coming year. Watch this space for announcements concerning them.
A. T. Blount, Lacona. N. Y.

Spring Farm Herd

The Home of the $15,000 Bull

Spring Farm Pontiac Cornucopia No. 77172, and his full brother, King Korndyke Pontiac Lass No. 115585. and also King Pontiac Koningen No. 75348, a son of **KING OF THE PONTIACS** and from the great cow, Diona Koningen Pietertje with an A. R. O. record of 37 44 lb. of butter in 7 days from 661.6 lb. of milk; 154.16 lb. of butter in 30 days from 2652.10 lb. of milk; per cent fat 4.6; 103.2.lb. of milk in one day. This is the fourth largest 30-day record in the world. He has a full sister, K. P. Diona Pietertje, 20.23 lb. in 7 days as a 2-yr.-old, 80.99 lb. in 30 days.

A few young bulls for sale sired by Spring Farm King Pontiac, the three-fourths brother of the dam of the 44l-b. bulls.

Service to insure a live calf $350 to the 44-lb. bulls.
Service to insure a live calf $150 to K. P. Koningen.

FRANCIS M. JONES

Oneida County **CLINTON, N. Y.**

MAPLEHURST FARMS

HOME OF

Lilith Altoana De Kol 3½ yr.	33.60
2½yr.	27.08
Jacoba Hartog Canary 5 yr.	30.81
30 days	119.59
Canary Lilith Daisy 4 yr.	30.39
30 days	124.35
De Kol Boon Lilith 6 yr.	30.22
Lilith Altoana 5 yr.	28.99
De Kol Veeman Lilith 4½ yr.	28.29
Beryl De Kol Boon 6 yr.	27.57
30 days	110.93
60 days	196.56
Canary De Kol Susie 4 yr.	26.88
30 days	103.98
Lilith Beryl Altoana 6 yr.	26.30
Altoana De Kol Beryl 5 yr.	25.21
30 days	100.08
Lilith Canary Hartog 4 yr.	24.05
Walker Beryl Altoana 3 yr.	22.21
Walker Lilith Weigand 2 yr. 1 mo.	20.64
30 days	79.04
60 days	143.81
100 days	220.63
World's Record	
Walker Lilith Altoana 2 yr.	20.00

and many other cows with fine records.

We have a few bulls from high record cows for sale. Tell us your needs and we will send pedigrees and prices.

LAMB & LANGWORTHY **EAST HAMILTON, N.Y.**

BLUFF POINT STOCK FARM SALE at Hamilton, N. Y., Feb. 12, 1914

THEIR BREEDING--The stock is of the famous Prilly, Lillian Walker, Beauty Pietertje, Betsey Hamilton Johanna and Korndyke blood. Hamilton and vicinity is noted for it. Three daughters of Artis De Kol Walker, a son of Beauty Pietertje, and the like.
THEIR INDIVIDUALITY--There are twenty-six individuals to be sold They are well grown and in good condition. We have never officially tested. No doubt this stock will make just as good records as do its sisters, owned in this vicinity. We disperse the whole herd, even if they go at farmers' prices. THE SALE--The sale will be held at my farm, Thursday, Feb. 12, in the suburbs of the village of Hamilton, N. Y., which is on the Ontario and Western railroad from Utica to New York.

W. G. CRANDALL, Auctioneer, Cortland, N. Y. **C. H. WHEAT, Proprietor, Hamilton, N. Y.**

THE 1914 GUARANTY SALE

SYRACUSE, N. Y., MAY 13-14, 1914

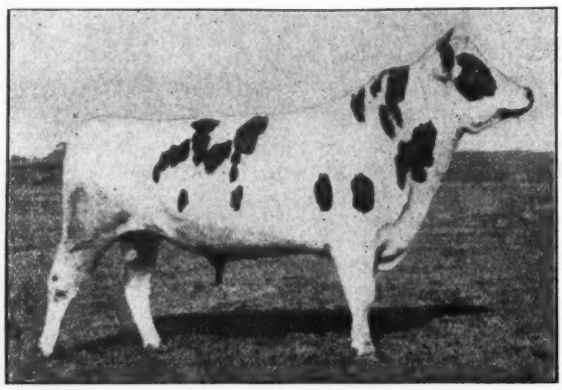
A continuation of a notable series,—The Midwinter Sale—The Dairymen's Sale—The 1913 Sale—The Dairymen's Guaranty Sale.

For the coming sale we can accept only GOOD animals that can be sold subject to the regulations governing the recent Dairymen's Guaranty Sale.

Still room for a few more consignments of this character.

E. M. HASTINGS, Sale Manager - Lacona, N. Y.

KING LYONS 71155



KING LYONS No. 71155. BORN MARCH 23, 1910

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9-year-old sire and grandsire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. Sire, COLANTHA JOHANNA CHAMPION 45674, a son of COLANTHA FOURTH'S JOHANNA. Butter, 7 days, 35.22 lbs. Her sons have sired the following world record heifers:

COLANTHA JOHANNA CHAMPION – the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a world record.
COLANTHA JOHANNA LAD, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22750.2 lbs. one year, a world record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6 lbs., one year, a world record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 lbs. one year, a world record.

What more could you ask of the sons of any one cow?

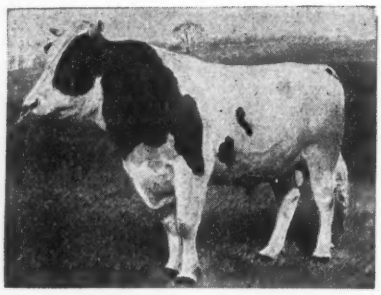
The dams of the following 30-lb cows appear in the breeding of King Lyons:

Grace Fayne 2d Homestead ---------33.55
Colantha 4th Johanna -------- 35.22
Betty Lyons Netherland ----------34.71
Blanche Lyons Netherland ----34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. - - WM. B. SIMPSON, Supt.



KING LUNDE PONTIAC KORNDYKE

The Greatest Young Sire of the Breed

The ONLY son of King of the Pontiacs from a dam with a semi-official year record of 1090.91 lbs butter and 26192.7 lbs milk (over 13 tons). Nearly 102 lbs milk per day for 100 days.

Send for our new printed matter. It will give full description of him, also description and prices of some of the choice, richly bred, heavy producing, A. R. O. cows and heifers, we are offering, in calf to him.

We can offer a few of his sons from high record dams.

A visit to our farms will convince you of the superior merits of the Greenwood Herd and of its wonderful herd sire, KING LUNDE PONTIAC KORNDYKE.

E. H. KNAPP & SON, - - - Fabius, N. Y.

SPRING FARM KING AGATHA—Our new herd sire

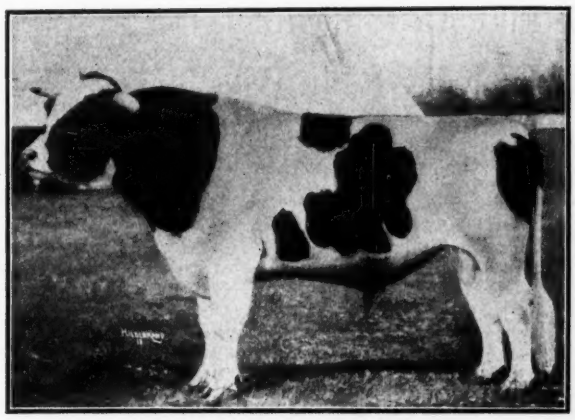
Sire—Spring Farm King Pontiac	
Dam—Spring Farm Agatha Pontiac at 3 years, 1 month	30.67 lbs.
Dam's Dam—Agatha Pontiac, at 4½ years (world's record)	36.90 lbs.
Sire's Dam—Tweede White Lady, at 7 years	37.45 lbs.
Average	35.00 lbs.

He is the only sire of the breed whose three nearest dams average 35.00 lbs. of butter in 7 days. He is a grand individual, handsome and evenly marked.
Send for pedigree and photo.

WATKINS BROS. Camden, New York

The Two Great Herd Sires at Emblagaard

Colantha Johanna Champion 45674



Colantha Johanna Champion 45674

A SON OF
COLANTHA 4th's JOHANNA 48577, the most famous dairy cow of the world and the only cow to hold all the world's records at one time.

Butter, 7 days	35.22
Butter, 30 days	138.54
Butter, 60 days	260.50
Semi-official yearly record:	
Butter	1247.82
Milk	27432.50
Per cent fat	3.64

Dam of Colantha Johanna Lad, 60 A.R.O. daughters including three world's record heifers.

He was sired by SIR FAYNE CONCORDIA 35227, a son of Homestead Jr. De Kol and a full brother of Grace Fayne 2d's Homestead, 35.55 lbs in 7 days.

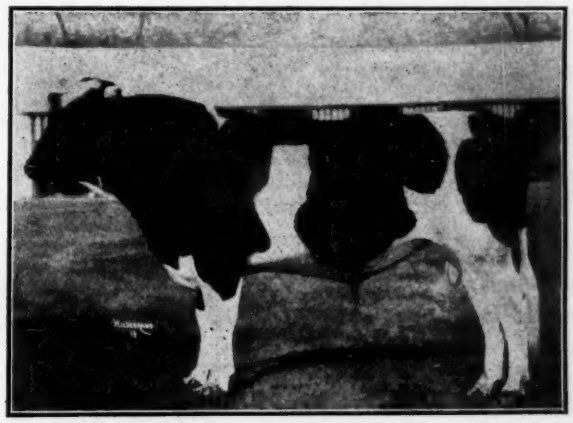
COLANTHA JOHANNA CHAMPION is the sire of 22 A. R. O. daughters including three 20 lb. junior two-year-olds, and the world's record heifer Woodcrest Colantha Pietje, the one year and eleven months old heifer that produced 20859.7 lbs. of milk and 799.52 lbs. of butter in one year. His sons are at the head of some of the greatest herds in America.

We are breeding him at Emblagaard to cows with yearly records of from 750 to 1,000 pounds of butter.

Calves backed by great yearly averages will result.

Emblagaard Prince 80596

The product of the most consistently productive breeding ever seen in an extended pedigree. He is a son of SEGIS WALKER PIETERTJE 111684 whose record at 3½ years is 27.85 lbs. of butter in seven days. She made three records averaging 26.42 lbs. before she was four years old, a world's record. She is a daughter of the great King Segis out of Ruby Walker Pietertje 30.21, a daughter of Lillian Walker Pietertje, 30.01, a daughter of Beauty Pietertje 30.51 in turn a daughter of the great transmitting cow Prilly. These five cows hold the world's record for four and five generations. Only one other family of the breed can show three generations of 30-lb. cows.



Emblagaard Prince 80596

The sire of Emblagaard Prince is KING COLANTHA CLOTHILDE 60403, a son of Abby Hartog Clothilde, (31.39 lbs.) by COLANTHA JOHANNA LAD, the son of Colantha 4th's Johanna, (35.22 lbs.) shown above.

All of the tested dams of Emblagaard Prince for 5 generations (12 out of 15) average 28.75 lbs. butter in 7 days. All of his daughters will be kept at Emblagaard and offiicially tested with first calf.

EMBLAGAARD DAIRY

BIG BAY - - - MICHIGAN

COMPLETE DISPERSION SALE

100-Pure Bred Advanced Registry Holstein Cattle-100

Two Complete Herds at Elkhorn Fair Grounds

February 24, 1914, ELKHORN, Wis.

Consignors—Voss & Turner, and W. E. Palmer, both of Elkhorn.

These Herds contain 30 cows with excellent A. R. O. records: 16 from 20.25 to 27 lbs. in 7 days; 8 with good yearly records.

Containing the blood of De Kol 2d's Butter Boy 3d, Paul Beets De Kol, Friend Hengerveld De Kol Butter Boy, Pontiac Aaggie Korndyke, Admiral Walker Pietertje and Belle Korndyke.

Over 20 daughters, all out of record cows, sired by Lakeside Model Alban, whose dam De Kol 2d's Alban De Kol holds TWO WORLD'S RECORDS for age. She is the Maternal head of the Prominent MODEL FAMILY, so noted for GREAT PRODUCTION, HIGH FINISH and SHOW RING QUALITY—combining individuality with great production as no other family of the breed. These heifers are as beautiful a lot as it is possible to find anywhere.

About 15 daughters of Pleasant Hill Veeman Korndyke, who is a grandson of Pontiac Artis A. R. O. 7 days 31.71, 365 days 1076.91 and Sir Veeman Hengerveld, the bull who has more 30-lb. daughters than any other living sire. He is one of the greatest sires of the day.

A beautiful lot of males, some large enough for service, sired by the above bulls and out of cows with great breeding and large records.

If you are in the market for Holsteins this is an opportunity you cannot afford to miss. The herds represent careful breeding, selecting and developing for a period of many years, and contain animals that would before not be priced to any one. The herds are free from contagious abortion and tuberculosis. They are straight and right as far as known and will be guaranteed as represented in the sale ring.

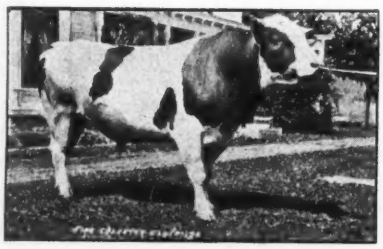
Write for catalog to JOHN G. VOSS, ELKHORN, Wis. Catalog out February 10.

Auctioneers—J. E. Mack, Ft. Atkinson; R. E. Haeger, Algonquin, E. F. Costigan, Elkhorn.

FIRLAND FARM

R. G. WATEROUS, Prop.

WILLIMANTIC, Conn.



King Colantha Clothilde No. 60403

His dam's record:

Milk 516.6. Butter 29.56. His dam and sire's dam's average record is milk 561.30. Butter 30.55. The average record of his four nearest dams is milk 587.75. Butter 32.27. The average record of his ten nearest dams is 27.11 of butter.

Colantha Pietertje Prince No. 84483

The sire with the milk and butter fat backing.

A son of King Colantha Clothilde and May Clothilde Pietertje. Milk 7 days 516.6. Butter 29.56.

Get a sire whose ancestors have made the breed famous.

Only young bulls for sale

Mary Walker Pietertje No. 77790 (31.81)

Colantha Pietertje Prince is a grandson of a 32-lb. cow, and that 32-lb. cow has produced a 31-lb. daughter, who has also produced a 31-lb. daughter. Wise breeders look for young sires whose ancestors have been heavy producers.

Abby Hartog Clothilde No. 62154 (31.39)

Buttercup Clothilde Pietertje No. 67747 (32.91)

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro Camillus, N. Y.

HOLSTEIN-FRIESIAN ADVERTISING

Buying or selling you may profit by our help in locating cattle or finding customers. A dozen years' experience enables us, with our up-to-date equipment, to give you the first hand information not to be found elsewhere: and also to handle in the most acceptable manner, livestock advertising, pedigree and catalogue work, and the management of public sales. E. M. HASTINGS, Holstein Advertising, Lacona, N. Y.

KEYSTONE FARMS

Offers a bull ready for service from a 19.-65-lb. dam, also bull calf, born Sept. 26, 1913, seven-eighths white, from a 22½-lb. dam. Sire, Prince Segis Korndyke, Jr., whose dam has a record of 109.6 lbs. milk in one day, and 719 lb. milk and 30.54 lb. butter in 7 days. For description and prices write

C. A. PRATT, LeRaysville, Pa.

Orrville Herd

Will sell A. R. O. cows, and their sons and daughters.

Pontiacs—of course.

Write

A. HURSH Orrville, Ohio

WELL DRILLING Machines

Over 70 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on sills. With engines or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.

WILLIAMS BROS., Ithaca, N. Y.

MAPLEMONT FARM

Offers a bull calf born last June. Sire Pontiac Korndyke 25982. Dam, a daughter of King Pontiac Artis 63994, butter at 1 year, 11 months, 14 lb. This calf is dark in color, a good individual and well grown. The first check for $600 will be accepted, f. o. b. cars here.

J. W. PRENTISS & SON

Alstead, N. H.

SPRINGVALE STOCK FARM

"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON

Rosendale, Wis.

THE TRAVERSE HERD

Bull calves for sale from Admiral Walker Colantha, whose four nearest dams average, butter 7 days, 32.83 lbs., 30 days, 131.85 lbs., and from Traverse Belle Lad, who is from a 30.115-lb. daughter of Pontiac Butter Boy.

Fifty-two A. R. O. cows in the herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengerveld Crown De Kol.

Write for pedigrees and prices. (tf.)

TRAVERSE CITY STATE HOSPIT., Traverse City, Michigan.

FOR SALE

We are having some fine calves dropped, sired by **King of the Pontiacs 15**, and from extra fine dams. If in the market for a bull calf, write for pedigree.

H. PERKINS & SON, Red Creek, N. Y.

Three Grandsons of King of the Pontiacs

One year old and ready for service. Individually the very best. One is dark, two light colored. Sire is a son of King of the Pontiacs from a 25- lb. three-year-old, her dam a 22-lb. daughter of Hengerveld De Kol and full sister to the dam of our 37-lb. cow. Dams of these bulls all have official records and splendid backing. Must be sold before Feb. 23.

Send for pedigrees and prices.

STEVENS BROTHERS CO.

LIVERPOOL, N. Y.

LAKESIDE HERD.

"Lakeside" home of "The Model Family" was never better prepared to fill orders, large or small, with best class Holstein-Friesians of highest breeding. Large herd to select from. All ages, both sexes. Cows, heifers, calves and bulls of unsurpassed excellence. At private sale only, when you will have every opportunity to study the individuals, breeding, ancestors, and know all about them before deciding. No. "Nickel in the Slot."

E. A. POWELL, 904 West Genesee St., Syracuse, N. Y.

Low Prices

Prompt Shipments

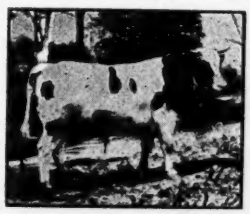
Baled Shavings for Stable Bedding

Cheaper than straw. A necessity in sanitary dairies. Best absorbent. Destroy odors. Improve manure. Write for carload price, delivered.

(Middle States) (Eastern States)

Oscar Smith & Son New England Baled Shavings Co.

ALBANY, N. Y. ALBANY, N. Y.



Chenango Valley Stock Farm

Herd headed by

PRINCE RAG APPLE KORNDYKE, No. 73415

Sire—Pontiac Korndyke.

Dam—Fairview Rag Apple Korndyke.

WHITMAN A. FOLLETT North Norwich, N. Y.

LOCKHART HOLSTEIN-FRIESIAN FARM

Cows mostly bred to King of the Black and Whites No. 83354, **the only bull in the world whose seven nearest dams average over 31 pounds butter in seven days.** Will begin to have calves for sale the last of December, The service fee of this bull is $200. Is this the kind of calves you are looking for?

EUGENE LA MUNION, Solsville, N. Y.

HANDY HERD REGISTER

Dean Knickerbocker, Supt. of Jenningshurst Stock Farm, Towanda, Pa., says, "The Liverpool Sale & Pedigree Company's Handy Herd Register is the best and most convenient I ever saw. We ordered one October 15th, and will discard the system we have been using." You can get information regarding pedigrees, Handy Herd Register and other office conveniences for the breeder from the

LIVERPOOL SALE & PEDIGREE COMPANY, Liverpool, N. Y.

Bull Calves From SIR PONTIAC ROXIE KORNDYKE

In breeding and individuality one of the best sons of Pontiac Korndyke. No. 10—Born Sept. 3, 1913; four-fifths white and a fine individual. Dam made 17.41 lbs. butter and 473.3 lbs. milk; is a Junior 3-year-old daughter of Alta Posch's Son. Price $100. We have several others from good A. R. O. dams. Write for pedigree or come to see us.

PEACEFUL VALLEY FARM

Oxford Depot, Orange County New York

Hitch Your Chariot to a STAR!

A Meteor Flashes Through the Heavens
and attracts our notice by its brilliant light and disappears; no one knows where it comes from or where it goes to; it's sensational for a minute, but there isn't much of it after all.

A Comet
lasts longer, attracts more attention, and we know that it will probably reappear again in a hundred years or so, but is soon forgotten, and rightly so.

Then there are our own and other suns whose position and lights are known, and whose movements can be accurately foretold for years in the future.

You probably see how this applies to the breeding of Holstein cattle: **Don't chase comets and meteors**

Spring Farm King Pontiac 6th—

We know where he came from—a **34-lb.** dam, a **37-lb.** grandam, and a **44-lb.** ⅞ sister. He came from De Kol 2d, Belle Korndyke, Netherland Hengerveld and old Pietertje 2d, from Pontiac Korndyke, De Kol 2d's Butter Boy 3d, King of the Pontiacs, Hengerveld De Kol, De Kol 2d's Butter Boy, etc.

Spring Farm King Pontiac 6th's

ancestors, in the first four generations have been the sires or dams of thirty-one 30-pound cows and the grandsires and grandams of one hundred and nineteen (119) 30-pound cows, and we believe that we can depend upon his progeny to do great things with the same certainty that the astronomers can foretell the future movements of our sun and the other fixed stars.

Another idea Do you know that if the ancestors of **Spring Farm King Pontiac 6th** had never existed practically every World's Record now held by our own breed would be held by the Jerseys or Guernseys?

Before you fix your Holstein chariot to a meteor or a comet write us for the booklet about **Spring Farm King Pontiac 6th.**

HENRY STEVENS & SON
Brookside Stock Farm
LACONA, N. Y.